# XR-4300RV/C5300RV

# SERVICE MANUAL

*AEP Model*
*UK Model*

**Ver 1.1 2001.05**

Photo: XR-C5300RV

| | |
|---|---|
| Model Name Using Similar Mechanism | XR-C5300R |
| Tape Transport Mechanism Type | MG-25G-136 |

## SPECIFICATIONS

### Cassette player section

| | |
|---|---|
| Tape track | 4-track 2-channel stereo |
| Wow and flutter | 0.08 % (WRMS) |
| Frequency response | 30 – 18,000 Hz |
| Signal-to-noise ratio | |

| Cassettetype | |
|---|---|
| TYPE II, IV | 61 dB |
| TYPE I | 58 dB |

### Tuner section

**FM**

| | |
|---|---|
| Tuning range | 87.5 – 108.0 MHz |
| Aerial terminal | External aerial connector |
| Intermediate frequency | 10.7 MHz/450kHz |
| Usable sensitivity | 8 dBf |
| Selectivity | 75 dB at 400 kHz |
| Signal-to-noise ratio | 66 dB (stereo),<br>72 dB (mono) |
| Harmonic distortion at 1 kHz | |
| | 0.6 % (stereo),<br>0.3 % (mono) |
| Separation | 35 dB at 1 kHz |
| Frequency response | 30 – 15,000 Hz |

**MW/LW**

| | |
|---|---|
| Tuning range | MW: 531 – 1,602 kHz<br>LW: 153 – 279 kHz |
| Aerial terminal | External aerial connector |
| Intermediate frequency | 10.7 MHz/450 kHz |
| Sensitivity | MW: 30 µV<br>LW: 40 µV |

### Power amplifier section

| | |
|---|---|
| Outputs | Speaker outputs<br>(sure seal connectors) |
| Speaker impedance | 4 – 8 ohms |
| Maximum power output | 50 W × 4 (at 4 ohms) |

### General

| | |
|---|---|
| Outputs | Audio output<br>Power aerial relay control lead<br>Power amplifier control lead<br>Telephone ATT control lead |
| Tone controls | Bass ±9 dB at 100 Hz<br>Treble ±9 dB at 10 kHz |
| Power requirements | 12 V DC car battery<br>(negative earth) |
| Dimensions | Approx. 178 × 50 × 183 mm<br>(w/h/d) |
| Mounting dimensions | Approx. 182 × 53 × 162 mm<br>(w/h/d) |
| Mass | Approx. 1.2 kg |
| Supplied accessories | Parts for installation and connections (1 set)<br>Front panel case (1) |

*Design and specifications are subject to change without notice.*

# FM/MW/LW CASSETTE CAR STEREO


**9-870-064-12**
2001E0500-1


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**Sony Corporation**
**e Vehicle Company**
**Shinagawa Tec Service Manual Production Group**


SONY®

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### Flexible Circuit Board Repairing

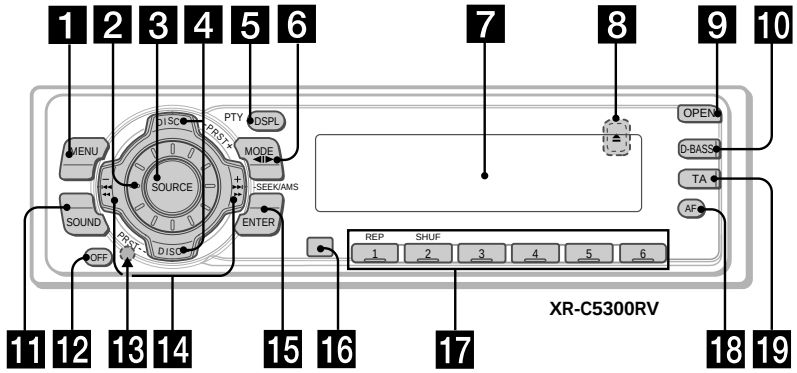
- Keep the temperature of the soldering iron around 270 ˚C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

### Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

This section is extracted from instruction manual.

## Location of controls




Refer to the pages listed for details.

**1** MENU button
9, 11, 12, 13, 15, 17, 19, 22, 24

**2** Volume control dial

**3** SOURCE (TUNER/TAPE/CD*1/MD*1) button 8, 10, 12, 13, 16, 23

**4** XR-C5300RV:
PRST/DISC +/– (cursor up/down) buttons
8, 9, 11, 12, 13, 15, 17, 18, 19, 22, 24
XR-4300RV:
PRST +/– (cursor up/down) buttons
8, 9, 11, 12, 13, 15, 17, 18, 19, 22, 24
During radio reception:
Preset stations select 13
During CD/MD playback*1:
Disc change 25

**5** DSPL/PTY (display mode change/programme type) button
11, 14, 18, 23, 24

**6** MODE button 10, 11, 12, 13, 23
During tape playback:
Playback direction change 10
During radio reception:
BAND select 12
During CD/MD playback*1:
CD/MD unit select 23

**7** Display window

**8** ⏏ (eject) button (located on the front side of the unit behind the front panel) 10

**9** OPEN button 7, 10, 26

**10** D-BASS button 23

**11** SOUND button 21

**12** OFF button*2 7, 8, 10

**13** Reset button (located on the front side of the unit behind the front panel) 7

**14** SEEK/AMS –/+ (cursor left/right) buttons
8, 9, 10, 11, 12, 13, 15, 17, 19, 21, 22, 24, 25
Seek 13, 15
Automatic Music Sensor 10, 25
Manual search 13, 25

**15** ENTER button
9, 11, 12, 13, 15, 17, 18, 19, 22, 24

**16** Receptor for the card remote commander

**17** Number buttons
During radio reception:
Preset number select 12, 13, 16, 17
During tape playback:
(1) REP 11
During CD/MD playback*1:
(1) REP 25
(2) SHUF 25

**18** AF button 15, 17

**19** TA button 16, 17

*1 **XR-C5300RV only**

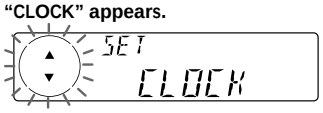
*2 **Warning when installing in a car without ACC (accessory) position on the ignition key switch**
**Be sure to press (OFF) on the unit for two seconds to turn off the clock display after turning off the engine.**
When you press (OFF) only momentarily, the clock display does not turn off and this causes battery wear.

## Setting the clock

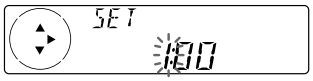
The clock uses a 24-hour digital indication.

Example: To set the clock to 10:08

**1 Press (MENU), then press either side of (PRST/DISC) or (PRST) repeatedly until "CLOCK" appears.**



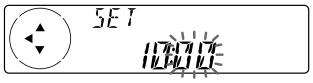

❶ **Press (ENTER).**




The hour indication flashes.

❷ **Press either side of (PRST/DISC) or (PRST) to set the hour.**

❸ **Press (+) side of (SEEK/AMS).**




The minute indication flashes.

❹ **Press either side of (PRST/DISC) or (PRST) to set the minute.**

**2 Press (ENTER).**

The clock starts.

After the clock setting is complete, the display returns to normal playback mode.

***Tips***

- *You can use the convenient CT function to set the clock automatically (page 19).*
- *When the D.INFO mode is set to ON, the time is always displayed (page 22).*

# Installation

## Precautions

- If you mount other Sony equipment with this unit, it is better to mount this unit in the lower position.
- There must be a distance of at least 15 cm between the cassettes slot of the unit and shift lever to insert cassette easily. Choose the installation location carefully so the unit does not interfere with gear shifting and other driving operations.
- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

### Mounting angle adjustment

Adjust the mounting angle to less than 20°.

# Instalación

## Precauciones

- Si monta otro equipo Sony con esta unidad, es preferible montar esta unidad en la posición más baja.
- Para que sea posible insertar la cinta con facilidad, debe haber una distancia de al menos 15 cm entre la ranura de inserción de cintas de la unidad y la palanca de cambios.
  Instale la unidad en un lugar que no entorpezca las operaciones de cambio de marchas o de conducción en general.
- Elija cuidadosamente el lugar de montaje de forma que la unidad no interfiera las funciones normales de conducción.
- Evite instalar la unidad donde pueda quedar sometida a altas temperaturas, como a la luz solar directa o al aire de calefacción, o a polvo, suciedad, o vibraciones excesivas.
- Para realizar una instalación segura y firme, utilice solamente la ferretería de montaje suministrada.

### Ajuste del ángulo de montaje

Ajuste el ángulo de montaje a menos de 20°.

# Montering

## Säkerhetsföreskrifter

- Om du monterar annan Sony-utrustning till denna enhet är det bäst att montera denna enhet i det undre läget.
- För att du ska kunna sätta i och ta ut bandet måste avståndet vara minst 15 cm mellan kassettfacket på enheten och växelspaken. När du installerar enheten väljer du en plats så att enheten inte är i vägen när du kör.
- Var noga när du väljer var i bilen du monterar bilstereon, så att den inte sitter i vägen när du kör.
- Montera inte bilstereon där den utsätts för värme,
  t ex solsken eller varmluft, eller där den utsätts för damm, smuts och/eller vibrationer.
- Använd endast de medföljande monteringstillbehören för att vara säker på att bilstereon monteras på ett säkert och korrekt sätt.

### Tillåten monteringsvinkel

Monteringsvinkeln får inte vara större än 20 grader.

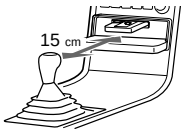
# Instalação

## Precauções

- É preferível montar este aparelho na posição mais baixa, se quiser montar simultaneamente outros equipamentos da Sony.
- Para colocar com facilidade a cassete, deve haver uma distância de pelo menos 15 cm entre a ranhura de introdução da cassete e a alavanca das mudanças.
  Escolha o local de instalação de forma a que o aparelho não interfira com as mudanças de velocidade ou com as outras manobras de condução.
- Escolha com cuidado um local apropriado para a montagem do aparelho, para que este não interfira com as manobras necessárias à condução do veículo.
- Evite instalar o aparelho onde possa estar sujeito a altas temperaturas, como em locais expostos directamente à luz do sol, ao ar quente dos aquecimentos, ou sujeitos a pó, sujidade ou vibração excessiva.
- Para efectuar uma instalação segura utilize unicamente o hardware de montagem fornecido.

### Ajuste do ângulo de montagem

Ajuste o ângulo de montagem a menos de 20°.




## How to detach and attach the front panel

**Before installing the unit, detach the front panel.**

### A To detach

Before detaching the front panel, be sure to press (OFF). Press (OPEN), then slide the front panel to the right side, and pull out the left side.

### B To attach

Place the hole Ⓐ in the front panel onto the spindle Ⓑ on the unit as illustrated, then push the left side in.

## Forma de extraer e instalar el panel frontal

**Antes de instalar la unidad, extraiga el panel frontal.**

### A Para extraerlo

Antes de extraer el panel frontal, ceriórese de pulsar (OFF). Después pulse (OPEN) a fin de abrirlo, después deslícelo hacia la derecha, y por último tire de su parte izquierda.

### B Para instalarlo

Coloque el orificio Ⓐ del panel frontal en el eje Ⓑ de la unidad, como se muestra en la ilustración, y después presione la parte izquierda.

## Ta loss/fästa frontpanelen

**Ta lossfrontpanelen innan du monterar bilstereon.**

### A Ta loss frontpanelen

Var noga med att trycka på (OFF) innan frontpanelen tas loss. Tryck därefter på (OPEN) för att öppna frontpanelen. Skjut frontpanelen åt höger och dra dess vänstra del utåt för att ta loss frontpanelen.

### B Fästa frontpanelen

Placera frontpanelen så att hålet Ⓐ på frontpanelen träs över axeln Ⓑ på bilstereon enligt illustrationen. Tryck därefter frontpanelens vänstra del inåt.

## Para retirar e colocar o painel frontal

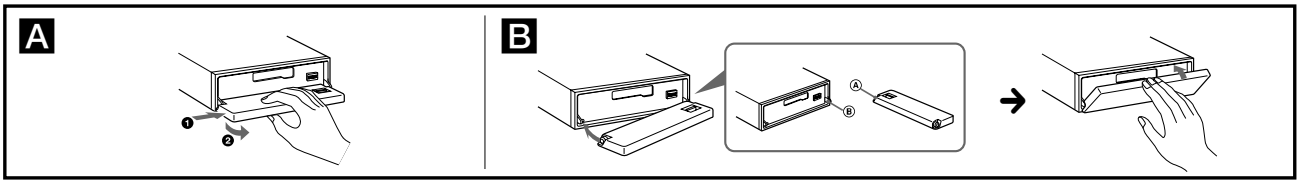
**Retire o painel frontal antes de iniciar a instalação do aparelho.**

### A Para retirar

Antes de retirar o painel frontal, tem de carregar primeiro em (OFF). A seguir, carregue em (OPEN) para soltar o painel frontal e empurre-o para a direita. Depois puxe o lado esquerdo do painel para fora.

### B Para colocar

Coloque o orificio Ⓐ do painel frontal no eixo Ⓑ do aparelho tal como ilustrado, e depois carregue no lado esquerdo para dentro.

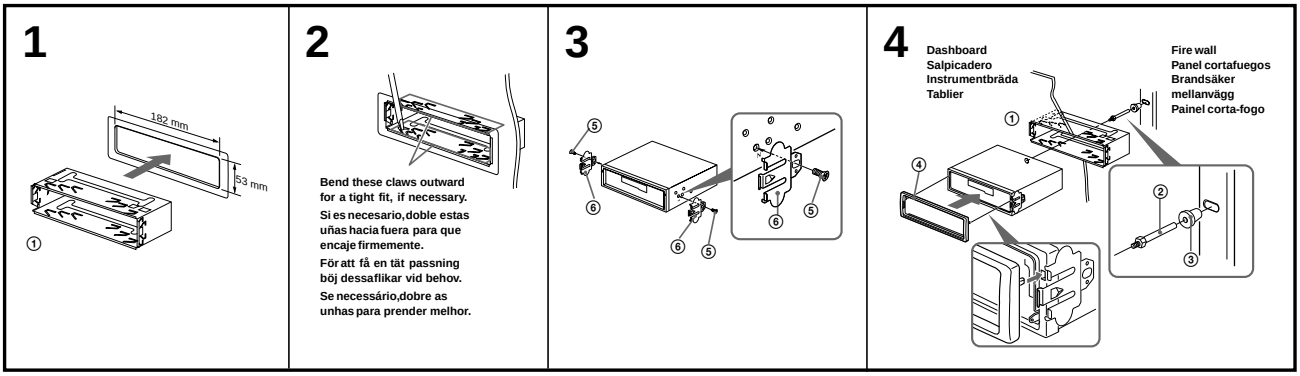



## Installation in the dashboard

## Instalación en el salpicadero

## Montera på instrumentbrädan

## Instalação no tablier




## Reset button

When the installation and connections are complete, be sure to press the reset button with a ballpoint pen, etc.

## Botón de restauración

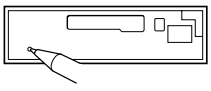
Cuando finalice la instalación y las conexiones, cerciórese de pulsar el botón de restauración con un bolígrafo, etc.

## Nollställningsknappen

Kom ihåg att använda en penna eller något annat spetsigt föremål för att trycka på nollställningsknappen när anslutningen och monteringen är klar.

## Botão de reinicialização

Quando terminar a instalação e as ligações, não se esqueça de carregar no botão de reinicialização com a ponta de uma caneta, esferográfica, etc.



# Connections

## Cautions

- This unit is designed for negative earth 12 V DC operation only.
- Be careful not to pinch any wires between a screw and the body of the car or this unit or between any moving parts such as the seat railing, etc.
- Connect the power connecting cord ⑧ to the unit and speakers before connecting it to the auxiliary power connector.
- **Run all earth wires to a common earth point.**
- Connect the yellow cord to a free car circuit rated higher than the unit's fuse rating. If you connect this unit in combination with other stereo components, the car circuit they are connected to must be rated higher than the sum of the individual components' fuse rating. If there are no car circuits rated as high as the unit's fuse rating, connect the unit directly to the battery. If no car circuits are available for connecting this unit, connect the unit to a car circuit rated higher than the unit's fuse rating in such a way that if the unit blows its fuse, no other circuits will be cut off.

## Warning when installing in a car without ACC (accessory) position on the ignition key switch

**Be sure to press (OFF) on the unit for two seconds to turn off the clock display after turned off the engine.**
When you press (OFF) momentarily, the clock display does not turn off and this causes battery wear.

## Notes of connection example

***Notes on the control leads***
- *The power aerial control lead (blue) supplies +12 V DC when you turn on the tuner or when you activate the ATA (Automatic Tuner Activation), AF (Alternative Frequency) or the TA (Traffic Announcement) function.*
- *A power aerial without a relay box cannot be used with this unit.*
- *When your car has a built-in FM/MW/LW aerial in the rear/side glass, it is necessary to connect the power aerial control lead (blue) or the accessory power input lead (red) to the power terminal of the existing aerial booster. For details, consult your dealer.*

***Warning***
*If you have a power aerial without a relay box, connecting this unit with the supplied power connecting cord ⑧ may damage the aerial.*

***Memory hold connection***
*When the yellow power input lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.*

***Notes on speaker connection***
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities. Otherwise, the speakers may be damaged.*
- *Do not connect the terminals of the speaker system to the car chassis, and do not connect the terminals of the right speaker with those of the left speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Do not connect any active speakers (with built-in amplifiers) to the speaker terminals of the unit. Doing so may damage the active speakers. Be sure to connect passive speakers to these terminals.*

# Conexiones

## Precauciones

- Esta unidad ha sido diseñada para alimentarse con 12 V CC, negativo a masa, solamente.
- Tenga cuidado de no atrapar ningún cable entre algún tornillo y la carrocería del automóvil o esta unidad o entre las partes móviles, como por ejemplo los raíles del asiento, etc.
- Conecte el cable de conexión de alimentación ⑧ a la unidad y los altavoces antes de conectarlo al conector de alimentación auxiliar.
- **Conecte todos los conductores de puesta a masa a un punto común.**
- Conecte el cable amarillo a un circuito libre del automóvil de potencia nominal superior a la del fusible de la unidad. Si conecta esta unidad en combinación con otros componentes estéreo, la potencia nominal del circuito del automóvil a los que dichos componentes estén conectados debe ser superior a la suma de la potencia nominal del fusible de los componentes. Si no existen circuitos de automóvil de potencia nominal tan alta como la del fusible de la unidad, conecte ésta directamente a la batería. Si no hay circuitos de automóvil disponibles para conectar esta unidad, conecte la misma a un circuito de automóvil de potencia nominal superior a la del fusible de la unidad de forma que no se desactiven otros circuitos si el fusible de dicha unidad se funde.

## Advertencia sobre la instalación en un automóvil que no disponga de posición ACC (accesorios) en el interruptor de la llave de encendido

**Asegúrese de pulsar (OFF) en la unidad durante dos segundos para desactivar la indicación del reloj una vez apagado el motor.**
Si pulsa (OFF) momentáneamente, la indicación del reloj no se desactivará y esto causará el desgaste de la batería.

## Notas de ejemplo de conexiones

***Notas sobre cables de control***
- *El cable de control (azul) de la antena motorizada suministra + 12 V CC al activar el sintonizador o la función ATA (activación automática del sintonizador), AF (frecuencias alternativas) o TA (anuncios de tráfico).*
- *Con esta unidad no podrá utilizarse una antena motorizada sin caja de relés.*
- *Si el automóvil dispone de antena de FM/MW/LW incorporada en el cristal trasero/lateral, será necesario conectar el cable de control de antena motorizada (azul) o el cable de entrada de alimentación accesoria (rojo) al terminal de potencia del amplificador de antena existente. Para más información, consulte con el proveedor.*

***Advertencia***
*Si dispone de una antena motorizada sin dispositivo de relé, la conexión de esta unidad con el cable de conexión de alimentación ⑧ suministrado puede dañar la antena.*

***Conexión para protección de la memoria***
*Si conecta el cable de entrada de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, incluso aunque ponga la llave de encendido en la posición de apagado.*

***Notas sobre la conexión de los altavoces***
- *Antes de conectar los altavoces, desconecte la alimentación de la unidad.*
- *Utilice altavoces con una impedancia de 4 a 8 ohmios, y con la potencia máxima admisible adecuada, ya que de lo contrario podría dañarlos.*
- *No conecte los terminales del sistema de altavoces al chasis del automóvil, ni los del altavoz izquierdo a los del derecho.*
- *No intente conectar los altavoces en paralelo.*
- *No conecte altavoces activos (con amplificadores incorporados) a los terminales de altavoces de la unidad. Si lo hiciese, podría dañar tales altavoces. Por lo tanto, cerciórese de conectar altavoces pasivos a estos terminales.*

# Anslutning

## Säkerhetsföreskrifter

- Denna bilstereo är endast avsedd för anslutning till ett negativt jordat, 12 V bilbatteri.
- Var noga med att inga kablar kläms mellan någon skruv eller att de blir klämda mellan rörliga delar som t.ex. bilsätet.
- Anslut strömkabeln ⑧ till enheten och högtalarna innan du ansluter den till den yttre strömanslutningen.
- **Dra samtliga jordledningar till en och samma jordningspunkt.**
- Anslut den gula kabeln till en ledig bilkrets med ett högre amperetal än enhetens. Om du kopplar både denna enhet och andra stereokomponenter till en och samma bilkrets, måste den bilkrets de kopplas till ha en högre ampere än summan av de enskilda delarnas amperestyrka. Om det inte finns några bilkretsar med en så hög amperestyrka som enhetens ska du ansluta enheten direkt till batteriet. Om inga bilkretsar finns för anslutning till enheten ska du ansluta enheten till en bilkrets med ett högre amperetal än enhetens säkring, så att det är denna som går i stället för bilens.

## Var försiktig n är du gör installationen i en bil där tändningslåset saknar tillbeh örsläge (ACC)

**Glöm inte att trycka på (OFF) på enheten under två sekunder för att stänga av klockans teckenfönster efter det att du har stängt av motorn.**
Om du bara trycker på (OFF) ett kort ögonblick slocknar inte klockans teckenfönster vilket kan leda till att batteriet laddas ur.

## Att observera angående anslutningsexemplen

***Att observera angående de olika styrkablarna***
- *Motorantennens styrkabel (blå) leder + 12 volts likström när kanalväljaren slås på eller när radiomottagningsautomatik ATA, mottagning av alternativa frekvenser AF eller mottagning av trafikmeddelanden TA aktiverats.*
- *En motorantenn utan styrreläd osa kan inte anslutas till denna bilstereo.*
- *Om bilen har en FM/MW/LW-antenn som är inbyggd i sido- eller bakrutan, måste du ansluta motorantennens styrkabel (blå) eller tillbehörsströmkabeln (röd) till strömterminalen på antennförstärkaren. Din återförsäljare kan ge dig mer information.*

***Varning***
*Om du har en motorantenn utan reläd osa kan antennen skadas om du ansluter enheten med den medföljande strömkabeln ⑧.*

***Anslutning för minnesstöd***
*När du anslutit den gula, ingående strömkabeln försörjs minneskretsen med ström hela tiden, även när tändlåset slås ifrån.*

***Att observera angående högtalarnas anslutning***
- *Slå av bilstereon innan du ansluter högtalarna.*
- *Anslut endast högtalare, vars impedans varierar från 4 till 8 ohm och som har tillräcklig effekthanteringskapacitet för att skydda högtalarna mot skador.*
- *Anslut inte något av högtalaruttagen till bilens chassi. Anslut inte heller uttagen på höger högtalare till uttagen på vänster högtalare.*
- *Anslut inte högtalarna parallellt.*
- *Anslut inte aktiva högtalare (med inbyggda slutsteg) till bilstereons högtalaruttag, eftersom de kan skada de aktiva högtalarna. Var noga med att bara ansluta passiva högtalare till dessa uttag.*

# Ligações

## Cuidado

- Este aparelho foi concebido para funcionar somente com corrente contínua de 12 V com negativo à massa.
- Tenha cuidado para que os fios não fiquem entalados entre os parafusos e a carroçaria do automóvel ou a caixa do aparelho nem entre as peças móveis, por exemplo, as calhas dos bancos, etc.
- Ligue o cabo de alimentação de corrente ⑧ ao aparelho e aos alifalantes antes de o ligar ao conector de corrente auxiliar.
- **Ligue todos os cabos de massa num ponto de massa comum.**
- Ligue o cabo amarelo a um circuito eléctrico livre do automóvel, cuja potência nominal seja superior à dos fusíveis do aparelho. Se ligar este aparelho em série com outros componentes estéreo, a potência nominal do circuito eléctrico do automóvel onde os ligar tem de ser superior à soma da potência nominal dos fusíveis de todos os componentes individuais. Se não houver nenhum circuito eléctrico do automóvel com uma potência nominal tão elevada como a dos fusíveis do aparelho, ligue-o directamente à bateria. Se não estiver disponível nenhum circuito eléctrico do automóvel para ligação deste aparelho, ligue-o a um circuito eléctrico do automóvel com uma potência nominal superior à dos fusíveis do aparelho, de tal modo que, se o aparelho rebentar os fusíveis respectivos, nenhum outro circuito seja cortado.

## Aviso sobre a instalação num automóvel sem posição ACC (acessórios) na chave de ignição

**Verifique se carregou em (OFF) no aparelho durante dois segundos para desactivar o visor do relógio depois de ter desligado o motor.**
Se carregar ligeiramente em (OFF), não desactiva o visor do relógio o que provoca o desgaste da bateria.

## Notas sobre o exemplo de ligação

***Notas sobre os fios de controlo***
- *O fio de controlo da antena eléctrica (azul) fornece +12 V CC quando ligar o sintonizador ou quando activar as funções ATA (Activação automática do sintonizador), AF (frequência alternativa) ou TA (Informação de trânsito).*
- *Não pode utilizar uma antena eléctrica sem caixa de relé com este aparelho.*
- *Se o seu automóvel tiver uma antena de FM/MW/LW montada no vidro traseiro/lateral, tem de ligar o fio de controlo da antena eléctrica (azul) ou o fio de entrada de alimentação para os acessórios (vermelho) ao terminal de alimentação do intensificador do sinal da antena existente.*

***Advertência***
*Se a antena eléctrica não tiver uma caixa de relé, o facto de ligar este aparelho com o cabo de alimentação ⑧ fornecido, pode provocar danos na antena.*

***Ligação para alimentação contínua da memória***
*Quando o fio amarelo de entrada de alimentação for ligado, os circuitos de memória ficarão com alimentação contínua, mesmo se a chave de ignição estiver desligada.*

***Notas sobre a ligação dos altifalantes***
- *Antes de ligar os altifalantes, desligue o aparelho.*
- *Utilize altifalantes com impedância de 4 a 8 ohm, e com capacidade admissível de potência adequada. Caso contrário, os altifalantes poderão sofrer avarias.*
- *Não ligue os terminais do sistema de altifalantes ao chassis do automóvel, e não ligue os terminais do altifalante direito aos terminais do altifalante esquerdo.*
- *Não tente ligar os altifalantes em paralelo.*
- *Não ligue nenhum sistema de altifalantes activos (com amplificadores incorporados) aos terminais dos altifalantes do aparelho. Caso o faça, poderá avariar o sistema de altifalantes activos. Portanto, não se esqueça de ligar altifalantes passivos a estes terminais.*

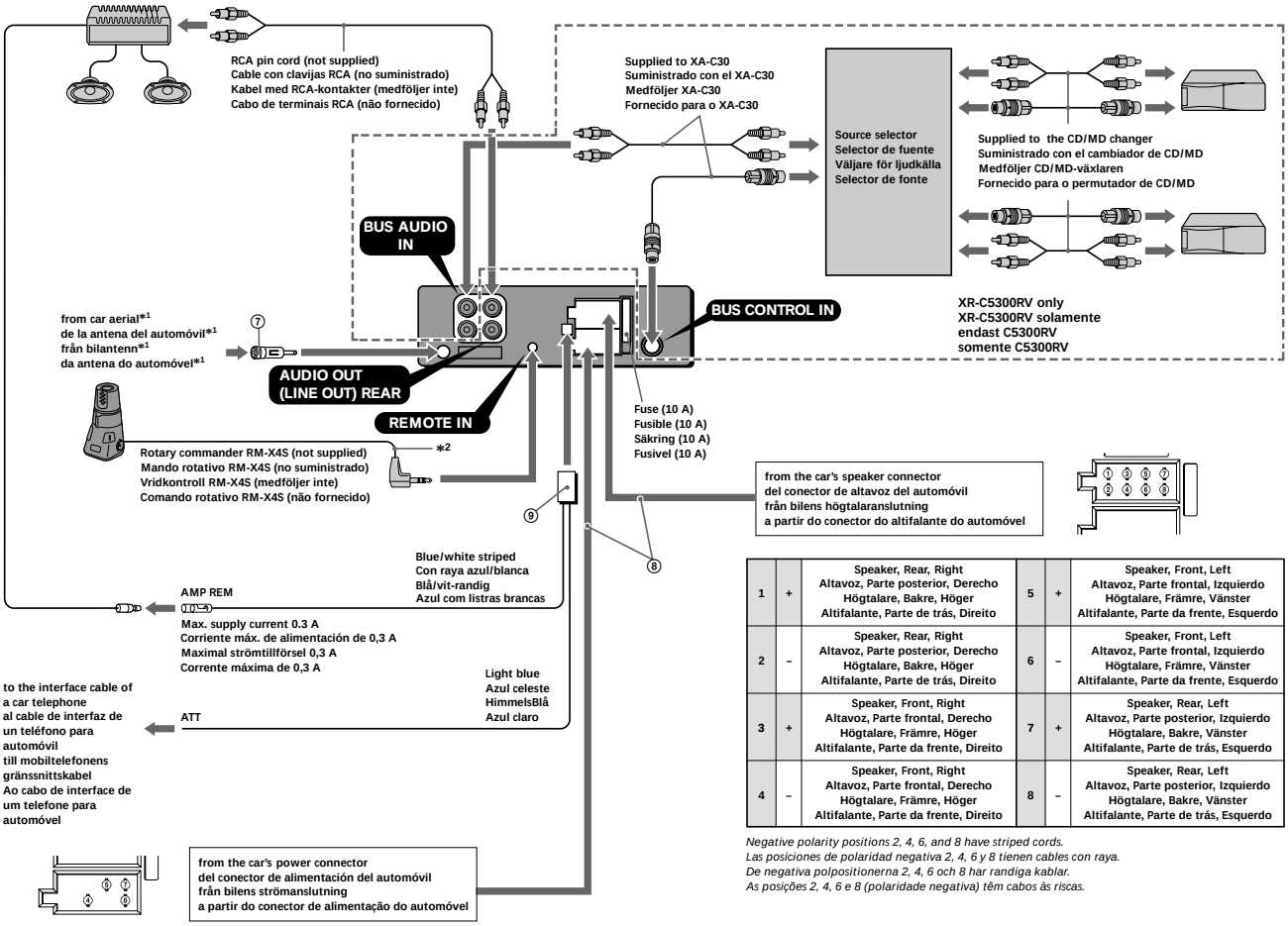
## Connection example
## Ejemplo de conexiones
## Anslutningarna enligt exemplet
## Exemplo de ligações

*1 ***Note for the aerial connecting***
*If your car aerial is an ISO (International Organization for Standardization) type, use the supplied adapter ⑦ to connect it. First connect the car aerial to the supplied adapter, then connect it to the aerial jack of the master unit.*
*2 *Insert with the cord upwards.*

*1 ***Nota sobre la conexión de la antena***
*Si la antena del automóvil es del tipo ISO (International Organization for Standardization), emplee el adaptador suministrado ⑦ para conectarla.*
*En primer lugar, conecte la antena del automóvil al adaptador suministrado y, a continuación, a la toma de antena de la unidad principal.*
*2 *Insertar con el cable hacia arriba.*

*1 ***Angående antennanslutning***
*Om bilantennen är av ISO-typ (International Organization for Standardization), använder du medföljande adapter ⑦ för att ansluta den.*
*Anslut först bilantennen till medföljande adapter och därefter till antennuttaget på huvudenheten.*
*2 *Sätt in med kabeln vänd uppåt.*

*1 ***Nota referente à ligação da antena***
*Se a antena do automóvel for uma antena de tipo ISO (International Organization for Standardization), utilize o adaptador fornecido ⑦ para fazer a ligação respectiva.*
*Ligue primeiro a antena do automóvel ao adaptador fornecido e depois à tomada de antena do sistema principal.*
*2 *Inserir com o fio virado para cima.*




| | | | | | |
|---|---|---|---|---|---|
| 1 | + | Speaker, Rear, Right<br>Altavoz, Parte posterior, Derecho<br>Högtalare, Bakre, Höger<br>Altifalante, Parte de trás, Direito | 5 | + | Speaker, Front, Left<br>Altavoz, Parte frontal, Izquierdo<br>Högtalare, Främre, Vänster<br>Altifalante, Parte da frente, Esquerdo |
| 2 | – | Speaker, Rear, Right<br>Altavoz, Parte posterior, Derecho<br>Högtalare, Bakre, Höger<br>Altifalante, Parte de trás, Direito | 6 | – | Speaker, Front, Left<br>Altavoz, Parte frontal, Izquierdo<br>Högtalare, Främre, Vänster<br>Altifalante, Parte da frente, Esquerdo |
| 3 | + | Speaker, Front, Right<br>Altavoz, Parte frontal, Derecho<br>Högtalare, Främre, Höger<br>Altifalante, Parte da frente, Direito | 7 | + | Speaker, Rear, Left<br>Altavoz, Parte posterior, Izquierdo<br>Högtalare, Bakre, Vänster<br>Altifalante, Parte de trás, Esquerdo |
| 4 | – | Speaker, Front, Right<br>Altavoz, Parte frontal, Derecho<br>Högtalare, Främre, Höger<br>Altifalante, Parte da frente, Direito | 8 | – | Speaker, Rear, Left<br>Altavoz, Parte posterior, Izquierdo<br>Högtalare, Bakre, Vänster<br>Altifalante, Parte de trás, Esquerdo |

*Negative polarity positions 2, 4, 6, and 8 have striped cords.*
*Las posiciones de polaridad negativa 2, 4, 6 y 8 tienen cables con raya.*
*De negativa polpositionerna 2, 4, 6 och 8 har randiga kablar.*
*As posições 2, 4, 6 e 8 (polaridade negativa) têm cabos às riscas.*

| | | | |
|---|---|---|---|
| 4 | continuous power supply<br>suministro de alimentación continua<br>kontinuerlig strömförsörjning<br>alimentação de corrente contínua | 7 | switched power supply<br>suministro conmutado de alimentación<br>switchad strömförsörjning<br>alimentação de corrente comutada |
| 5 | power aerial control<br>control de antena motorizada<br>motorantenn<br>antena eléctrica | 8 | earth<br>toma de tierra<br>jord<br>Terra |

*Positions 1, 2, 3 and 6 do not have pins.*
*Las posiciones 1, 2, 3 y 6 no disponen de terminales.*
*Positionerna 1, 2, 3 och 6 saknar stift.*
*As posições 1, 2, 3 e 6 não têm pinos.*

## Power connection

Power connectors may vary depending on the car. Check your car's power connector diagram to make sure the connections match correctly. There are two basic types. You may need to switch the positions of the jump connector. Before connecting the unit to the car's power supply, be sure to match the position of the jump connector to the car's pin order. If the power connector of your car does not match the connector on the unit, use the supplied connector ⑧. If you have any questions or problems connecting your unit that are not covered in this manual, please consult the car dealer.

**WARNING**

**Jump connector**

Check the pin position of the power connector of the car with the table on the below. If positions 4 and 7 are reversed, remove the jump connector and shift it to the rightmost position as shown in the illustration.

## Conexión de alimentación

Los conectores de alimentación pueden variar en función del automóvil. Consulte el diagrama del conector de alimentación del automóvil para comprobar que las conexiones coinciden correctamente. Existen dos tipos básicos. Es posible que sea necesario cambiar las posiciones del conector de empalme. Antes de conectar la unidad al suministro de alimentación del automóvil, asegúrese de que la posición del conector de empalme coincide con el orden de terminales de dicho automóvil. Si el conector de alimentación del automóvil no coincide con el de la unidad, emplee el conector ⑧ suministrado. Si desea realizar alguna consulta o solucionar algún problema referentes a la conexión de la unidad que no aparezcan en este manual, póngase en contacto con el concesionario automovilístico.

**ADVERTENCIA**

**Conector de empalme**

Compruebe la posición de terminal del conector de alimentación del automóvil con la tabla que aparece más abajo. Si las posiciones 4 y 7 se invierten, retire el conector de empalme y desplácelo hasta la posición del extremo derecho como se muestra en la ilustración.

## Strömanslutningsschema

Strömanslutningarna kan variera beroende på vilken bil du har. Kontrollera bilens diagram över strömanslutningar för att kontrollera att anslutningarna passar ihop. Det finns två huvudtyper. Du kan behöva ändra positionerna på överkopplingen. Innan du ansluter enheten till bilens strömförsörjning bör du kontrollera att överkopplingens placering överensstämmer med bilens polordning. Om din bils strömanslutningar inte överenstämmer med anslutningen på enheten använder du det medföljande kontaktdonet ⑧. Om du har några frågor eller problem när det gäller anslutningen av enheten som inte tas upp i denna bruksanvisning kan du kontakta biläterförsäljaren.

**VARNING**

**Överkoppling**

Jämför bilens strömanslutning med tabellen till nedan. Om positionerna 4 och 7 är omkastade tar du bort överkopplingen och flyttar den till positionen längst till höger.

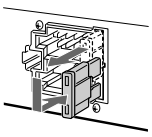
## Diagrama de ligação de corrente

Os conectores de alimentação podem variar de automóvel para automóvel. Verifique o diagrama do conector de alimentação do seu automóvel, para ter a certeza de que a correspondência das ligações está correcta. Há dois tipos básicos. Pode ter que trocar as posições do cone etor de patilha. Antes de ligar o aparelho à fonte de alimentação do automóvel, não se esqueça de fazer a correspondência entre a posição do cone etor de patilha e a ordem dos pinos do automóvel. Se o conector de alimentação do seu automóvel não corresponder ao conector do aparelho, utilize os conector ⑧ fornecido. Se tiver dúvidas ou problemas ao ligar o aparelho que não estejam referidos neste manual, consulte o vendedor do automóvel.

**AVISO**

**Conector jump**

Verifique a posição dos pinos do conector de alimentação do automóvel na tabela abaixo. Se as posições 4 e 7 estiverem invertidas, remova o conector jump e mude-o para a posição mais à direita, tal como se mostra na ilustração.



## Connection diagram
## Diagrama de conexiones
## Kopplingsschema
## Diagrama de ligações

**Equipment used in illustrations (not supplied)**
**Equipo utilizado en las ilustraciones (no suministrado)**
**Utrustning som visas i illustrationer (medföljer inte)**
**Equipamento utilizado nas ilustrações (não fornecido)**

**Front speaker**
**Altavoz delantero**
**Främre högtalare**
**Altifalante dianteiro**

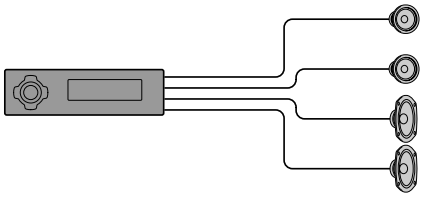
**Power amplifier**
**Amplificador de potencia**
**Effektförstärkare**
**Amplificador de potência**

**Rear speaker**
**Altavoz trasero**
**Bakre högtalare**
**Altifalante traseiro**

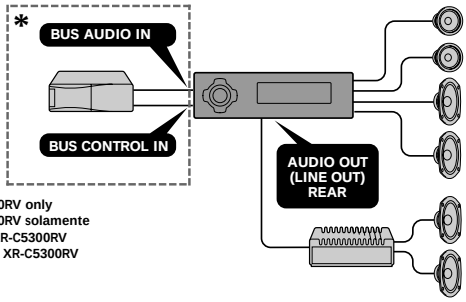
**CD/MD changer**
**Cambiador de CD/MD**
**CD/MD-skivväxlare**
**Permutador CD/MD**

*For connecting two or more changers, the source selector XA-C30 (optional) is necessary.*
*Si desea conectar dos o más cambiadores, necesitará el selector de fuente XA-C30 (opcional).*
*För anslutning av två eller flera växlare krävs väljaren XA-C30 (tillval).*
*Para ligar um ou mais permutadores, é necessário o selector de fonte XA-C30 (opcional).*

**A**



**B**




* **XR-C5300RV only**
**XR-C5300RV solamente**
**endast XR-C5300RV**
**somente XR-C5300RV**

***Notes***
- *Be sure to connect the earth cord before connecting the amplifier.*
- *If you connect an optional power amplifier and do not use the built-in amplifier, the beep sound will be deactivated.*

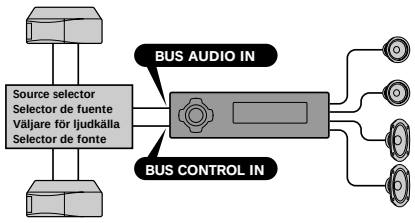
***Notas***
- *Asegúrese de conectar primero el cable de puesta a masa antes de realizar la conexión al amplificador.*
- *Si conecta un amplificador de potencia opcional y no utiliza el incorporado, los pitidos se desactivarán.*

***Obsevera***
- *Var noga med att först ansluta jorden, innan du ansluter förstärkaren.*
- *Om du väljer att använda en annan förstärkare i stället för den inbyggda, kommer ljudsignalen att avaktiveras.*

***Notas***
- *Antes de fazer a ligação ao amplificador tem de ligar primeiro o cabo de ligação à massa.*
- *Se ligar um amplificador de potência opcional e não utilizar o amplificador integrado, desactiva o sinal sonoro.*

**C**

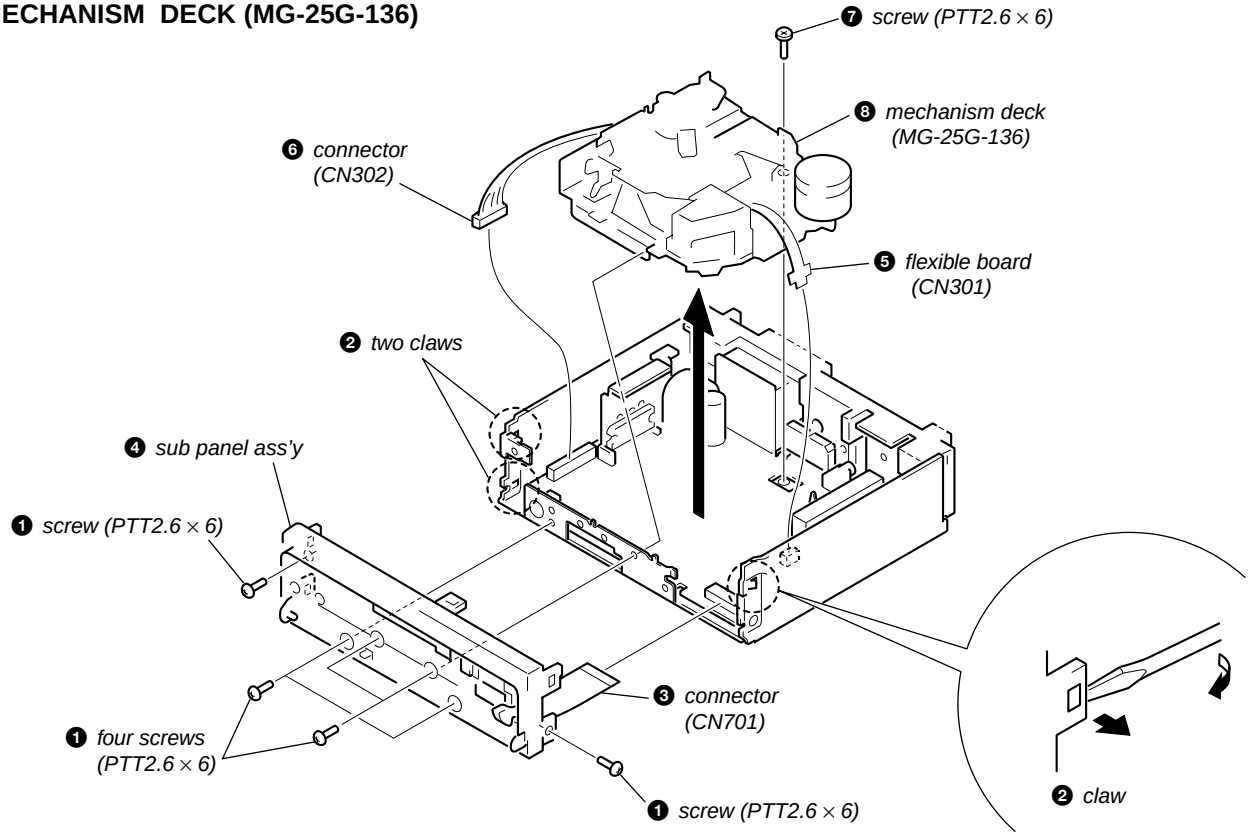
**XR-C5300RV only**
**XR-C5300RV solamente**
**endast XR-C5300RV**
**somente XR-C5300RV**



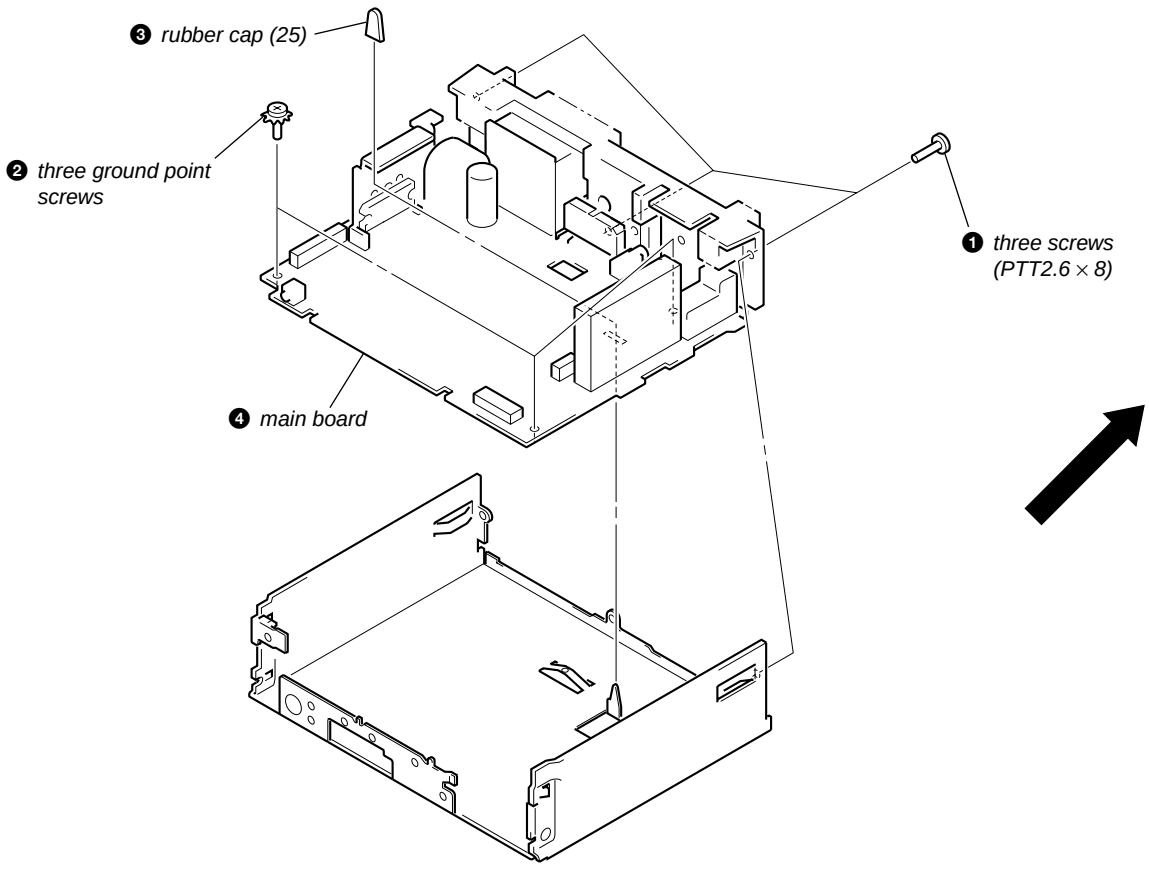
# SECTION 2
# DISASSEMBLY

**Note:** Follow the disassembly procedure in the numerical order given.

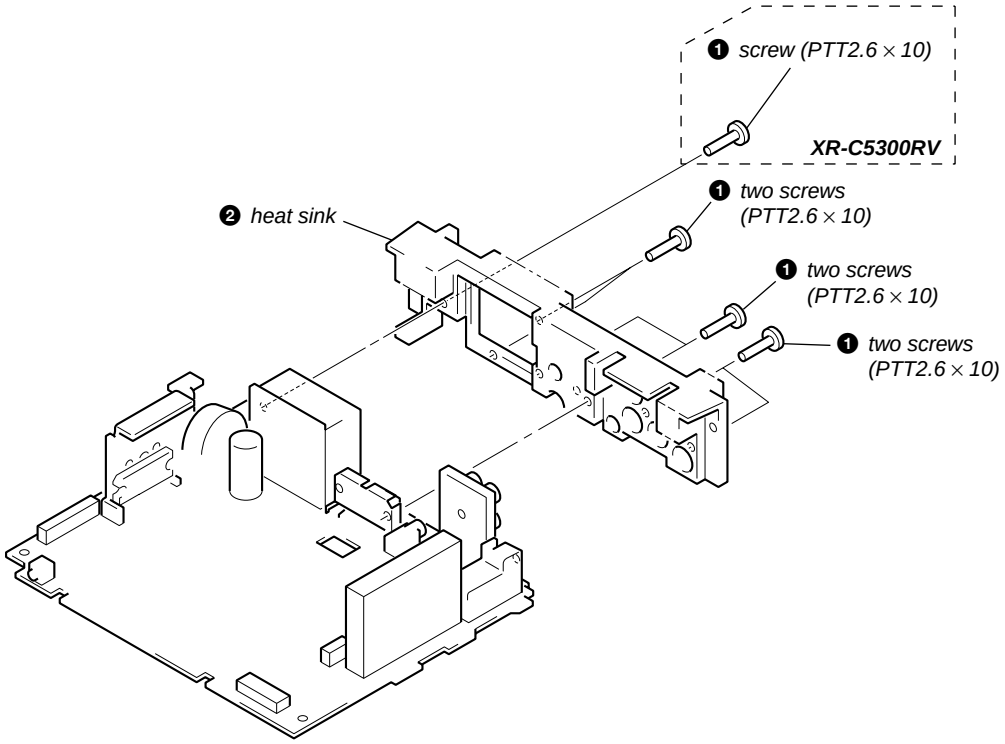
## MECHANISM DECK (MG-25G-136)


❼ screw (PTT2.6 × 6)
❽ mechanism deck (MG-25G-136)
❻ connector (CN302)
❺ flexible board (CN301)
❷ two claws
❹ sub panel ass'y
❶ screw (PTT2.6 × 6)
❸ connector (CN701)
❶ four screws (PTT2.6 × 6)
❶ screw (PTT2.6 × 6)
❷ claw

## MAIN BOARD



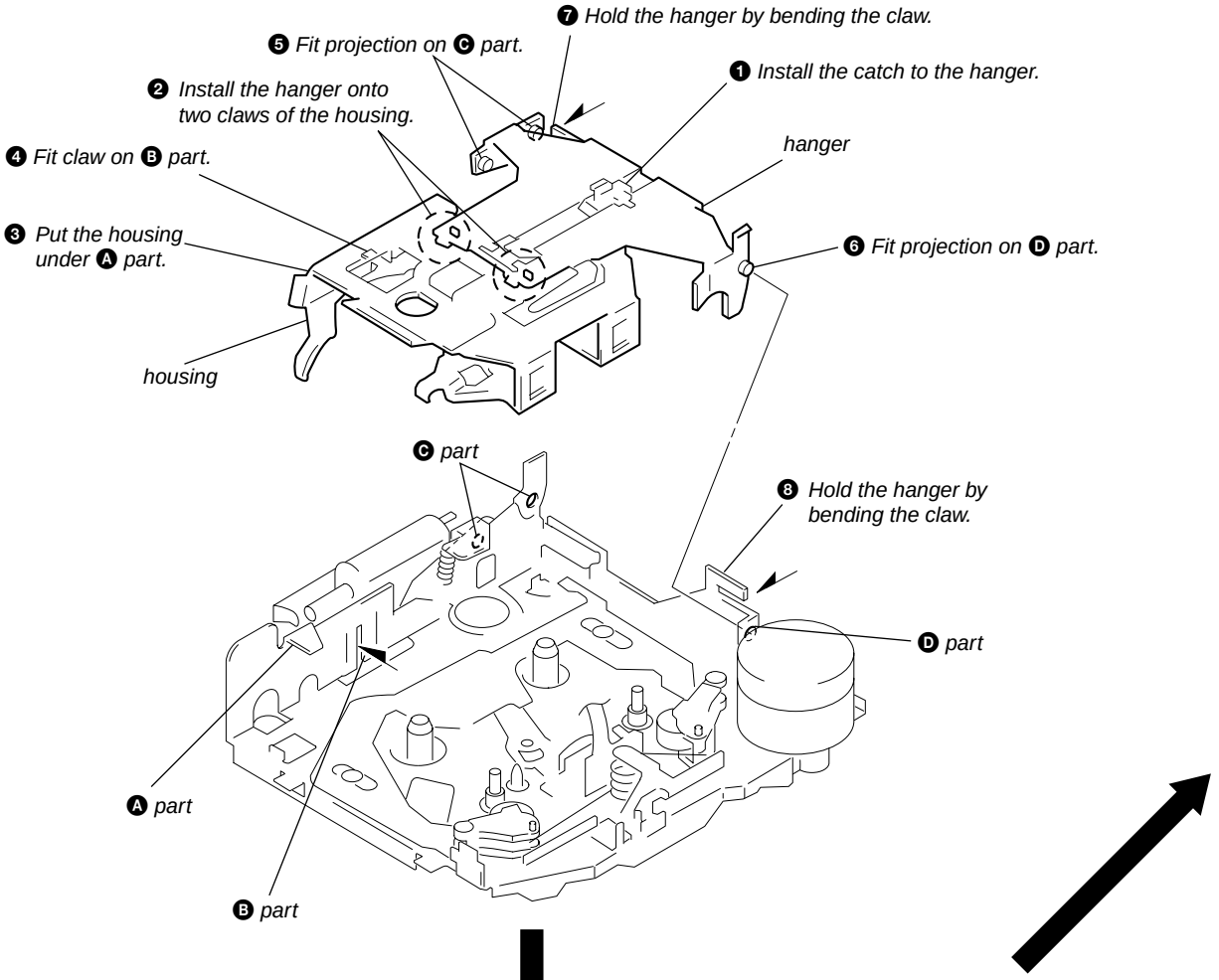
## HEAT SINK


❶ screw (PTT2.6 × 10)
XR-C5300RV
❶ two screws
(PTT2.6 × 10)
❷ heat sink
❶ two screws
(PTT2.6 × 10)
❶ two screws
(PTT2.6 × 10)

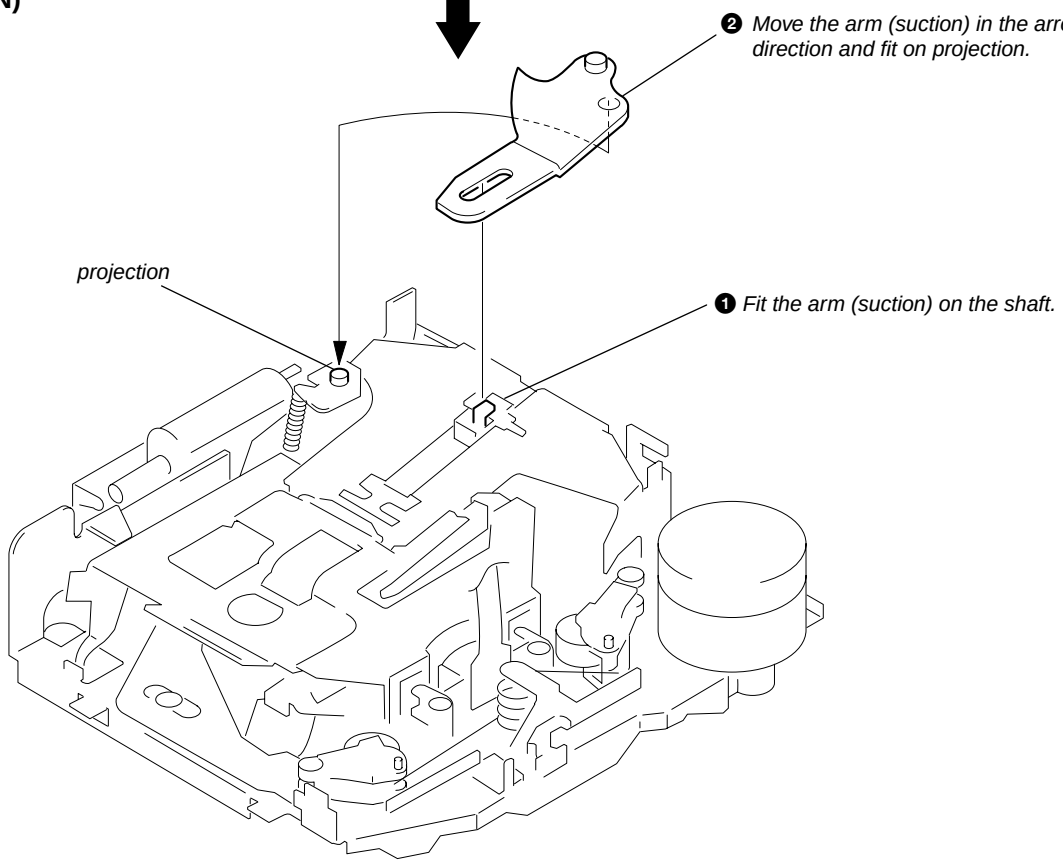
# SECTION 3
# ASSEMBLY OF MECHANISM DECK

**Note:** Follow the assembly procedure in the numerical order given.

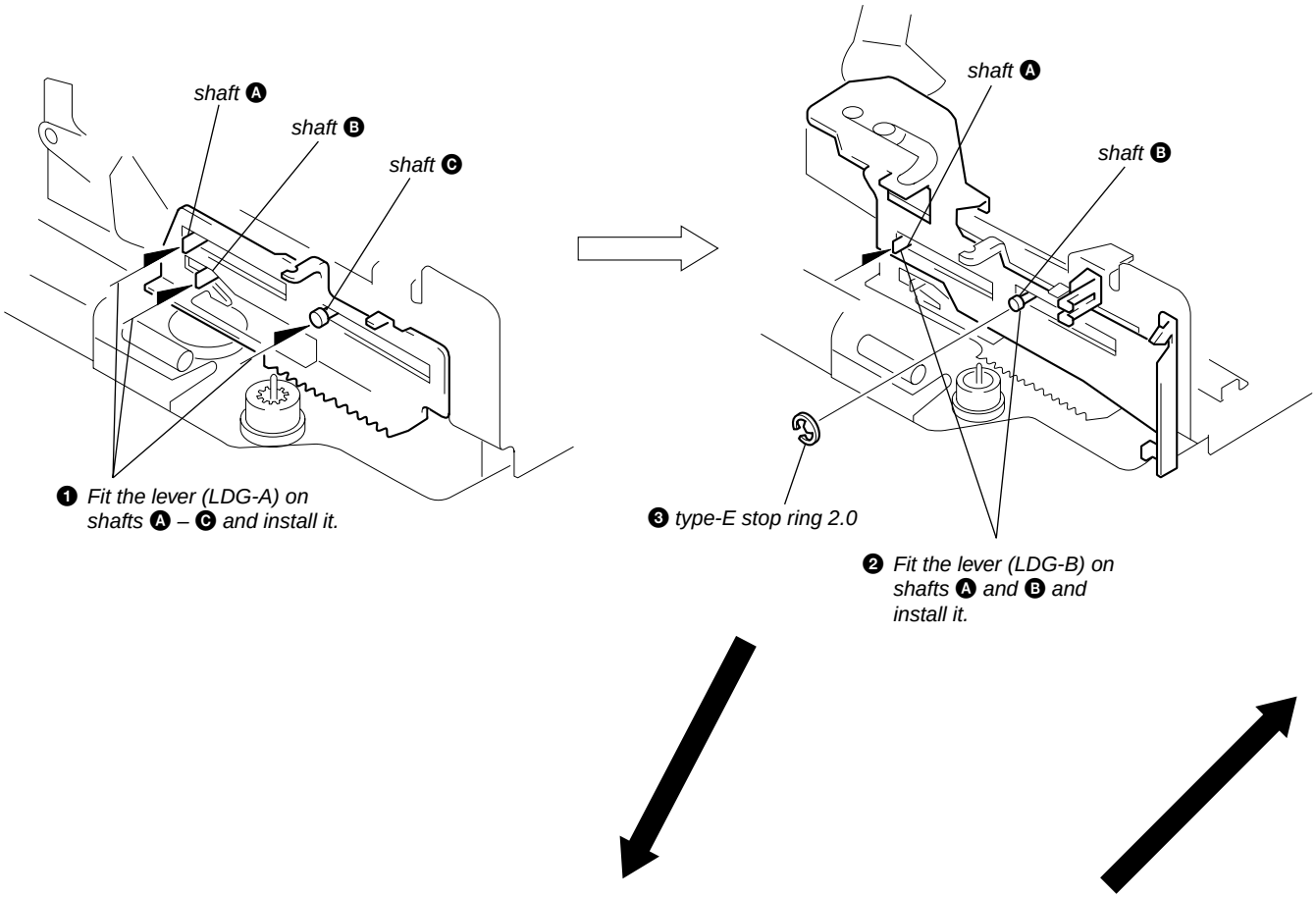
## HOUSING


❼ Hold the hanger by bending the claw.
❺ Fit projection on Ⓒ part.
❶ Install the catch to the hanger.
❷ Install the hanger onto two claws of the housing.
hanger
❹ Fit claw on Ⓑ part.
❸ Put the housing under Ⓐ part.
❻ Fit projection on Ⓓ part.
housing
Ⓒ part
❽ Hold the hanger by bending the claw.
Ⓓ part
Ⓐ part
Ⓑ part

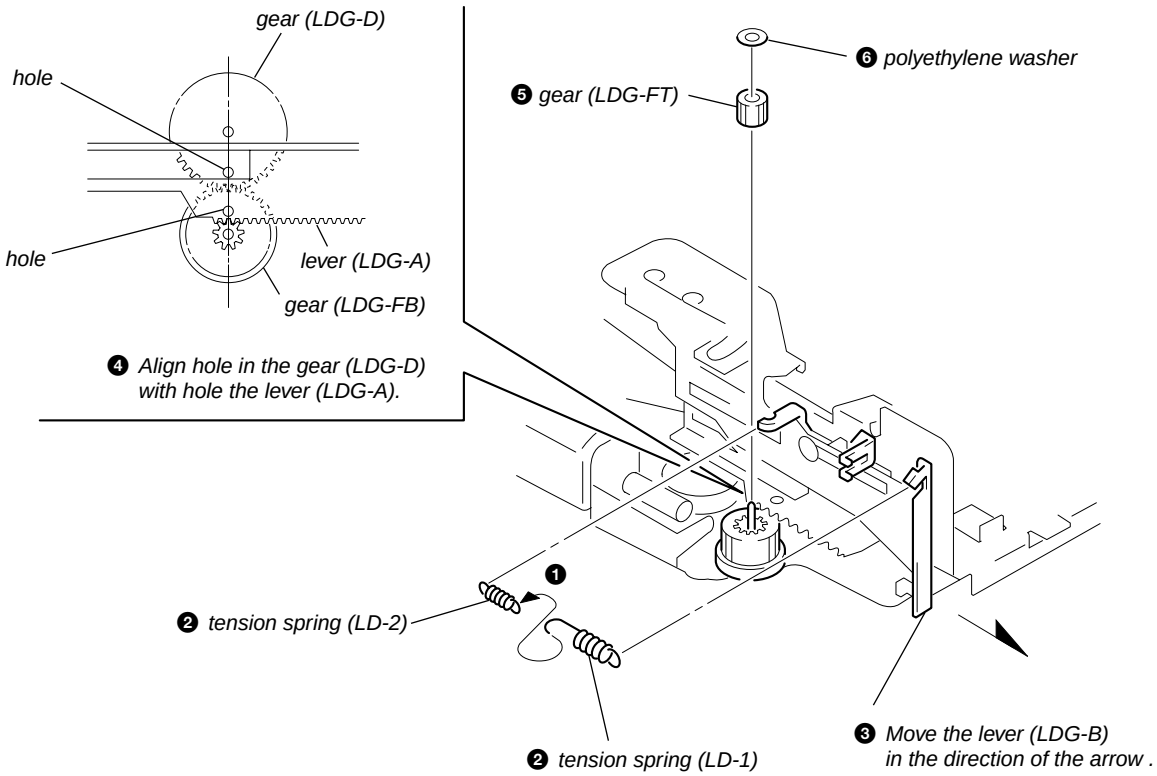
## ARM (SUCTION)



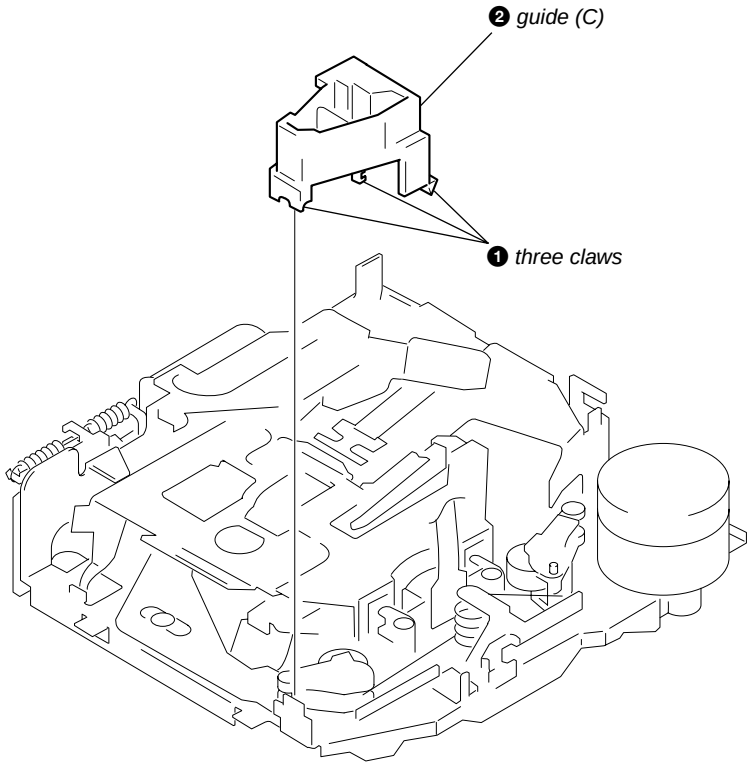
## LEVER (LDG-A) / (LDG-B)


shaft Ⓐ
shaft Ⓑ
shaft Ⓒ
❶ Fit the lever (LDG-A) on shafts Ⓐ – Ⓒ and install it.
shaft Ⓐ
shaft Ⓑ
❸ type-E stop ring 2.0
❷ Fit the lever (LDG-B) on shafts Ⓐ and Ⓑ and install it.

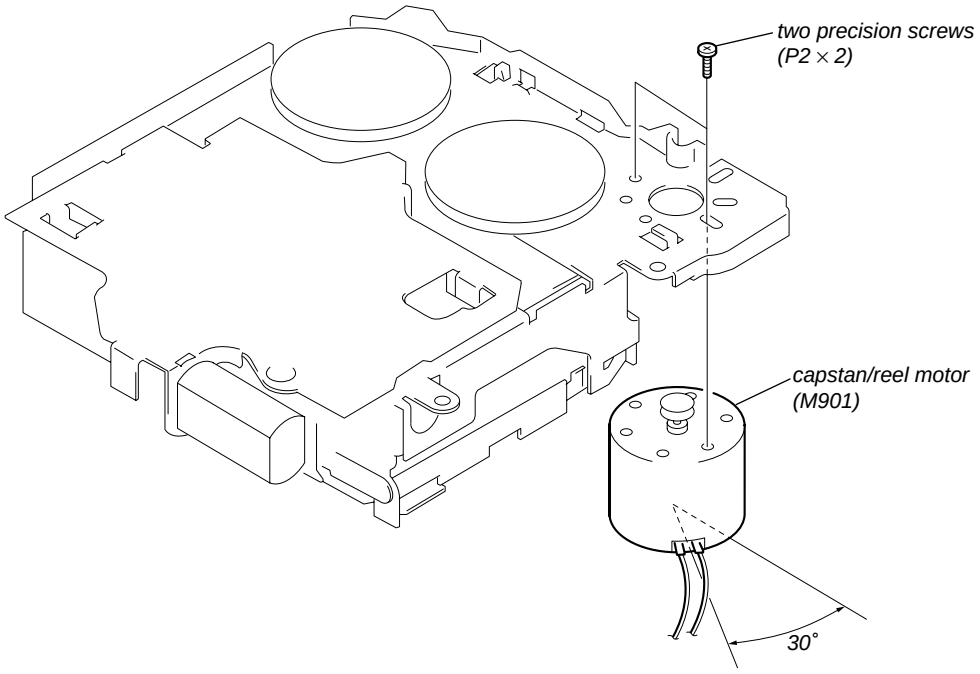
## GEAR (LDG-FT)



## GUIDE (C)




## MOUNTING POSITION OF CAPSTAN/REEL MOTOR (M901)



# SECTION 4
# MECHANICAL ADJUSTMENT

1. Clean the following parts with a denatured-alcohol-moistened swab:
   playback head  pinch roller
   rubber belt  capstan
   idler
2. Demagnetize the playback head with a head demagnetizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. After the adjustments, apply suitable locking compound to the parts adjusted.
5. The adjustments should be performed with the power supply voltage unless otherwise noted.

**• Torque Measurement**

| Mode | Torque Meter | Meter Reading |
|---|---|---|
| Forward | CQ-102C | 2.95 – 6.37 mN•m<br>(30 – 65 g•cm)<br>(0.42 – 0.90 oz•inch) |
| Forward<br>Back Tension | CQ-102C | 0.05 – 0.44 mN•m<br>(0.5 – 4.5g•cm)<br>(0.01 – 0.06 oz•inch) |
| Reverse | CQ-102RC | 2.95 – 6.37 mN•m<br>(30 – 65 g•cm)<br>(0.42 – 0.90 oz•inch) |
| Reverse<br>Back Tension | CQ-102RC | 0.05 – 0.44 mN•m<br>(0.5 – 4.5g•cm)<br>(0.01 – 0.06 oz•inch) |
| FF, REW | CQ-201B | 5.89 – 19.61 mN•m<br>(60 – 200 g•cm)<br>(0.83 – 2.78 oz•inch) |

**• Tape Tension Measurement**

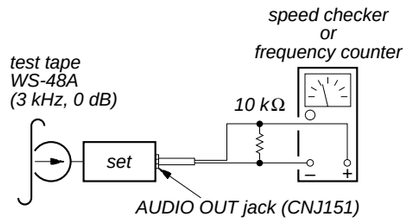
| Mode | Tension Meter | Meter Reading |
|---|---|---|
| Forward | CQ-403A | more than 8.83 mN•m<br>(more than 90 g)<br>(more than 3.18 oz) |
| Reverse | CQ-403R | more than 8.83 mN•m<br>(more than 90 g)<br>(more than 3.18 oz) |

# SECTION 5
# ELECTRICAL ADJUSTMENT

## TAPE DECK SECTION

0 dB=0.775 V

**Tape Speed Adjustment**
**Setting:**



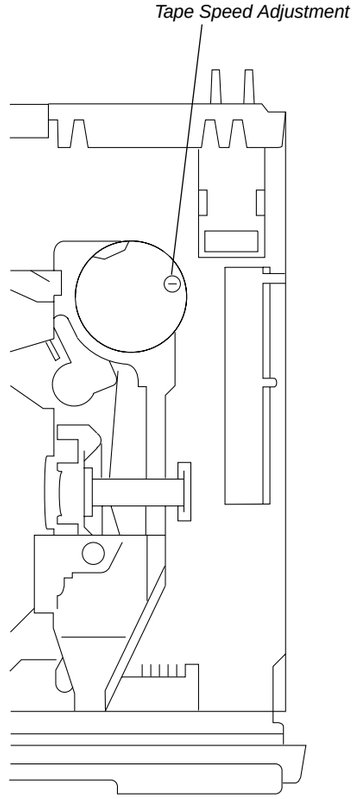

**Procedure:**
1. Put the set into the FWD PB mode.
2. Adjust adjustment resistor for inside capstan motor so that the reading on the speed checker or frequency counter becomes in specification.

**Specification:** Constant speed

| Speed checker | Frequency counter |
|---|---|
| –1.5 to +2.5% | 2,955 to 3,075 Hz |

**Adjustment Location:**

*– SET UPPER VIEW –*

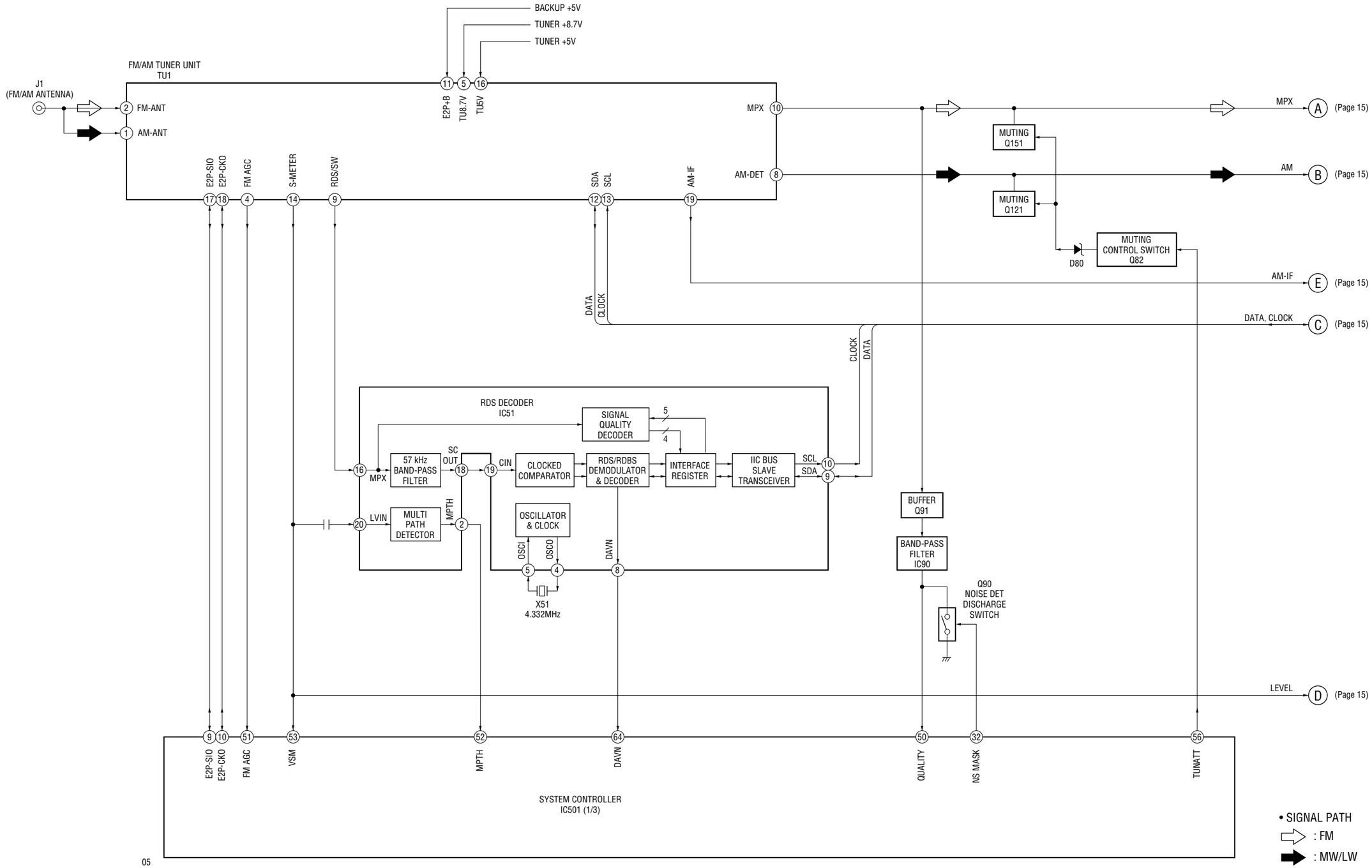



## TUNER SECTION

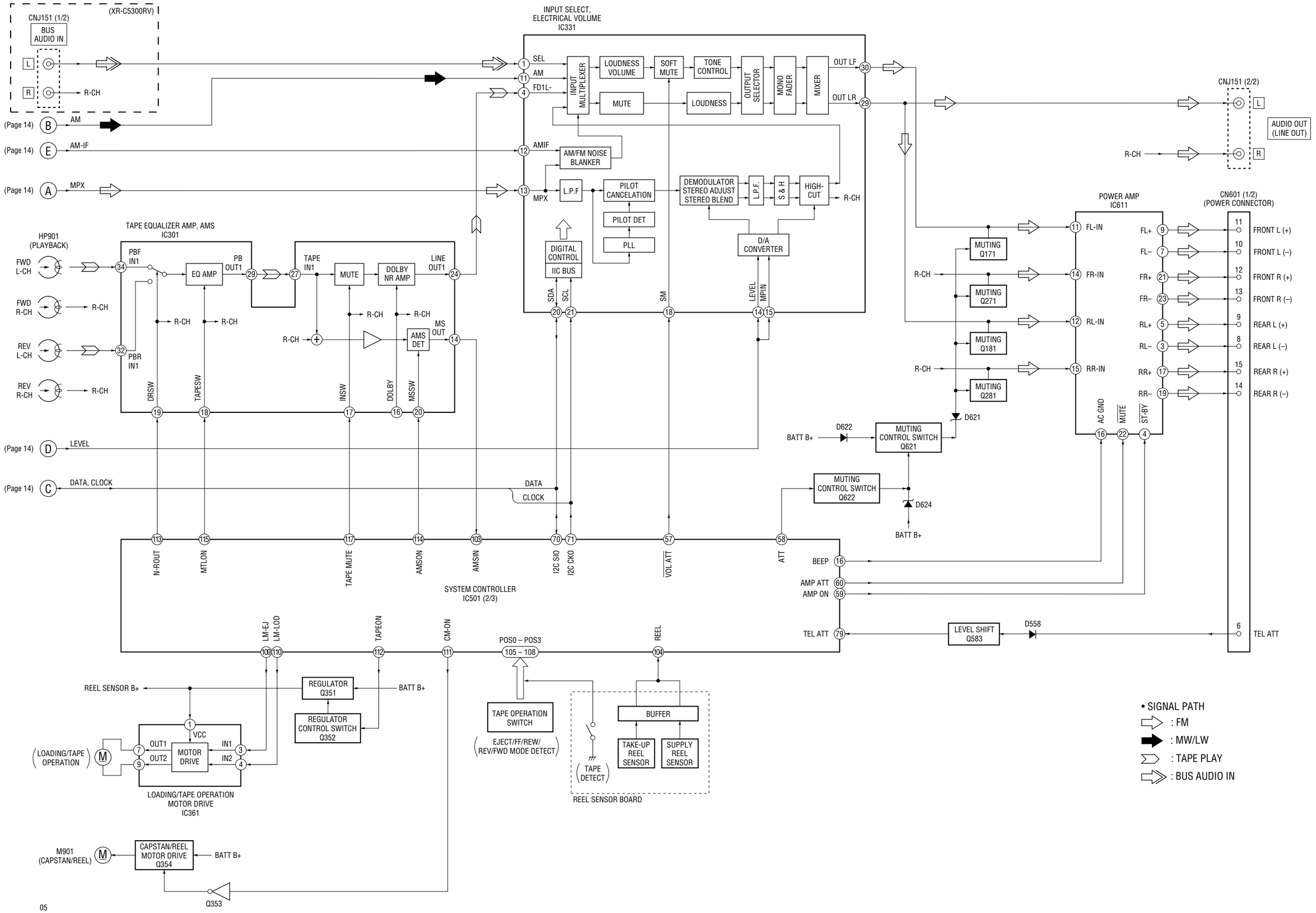
Tuner section adjustments are done automatically in this set.

# SECTION 6
# DIAGRAMS

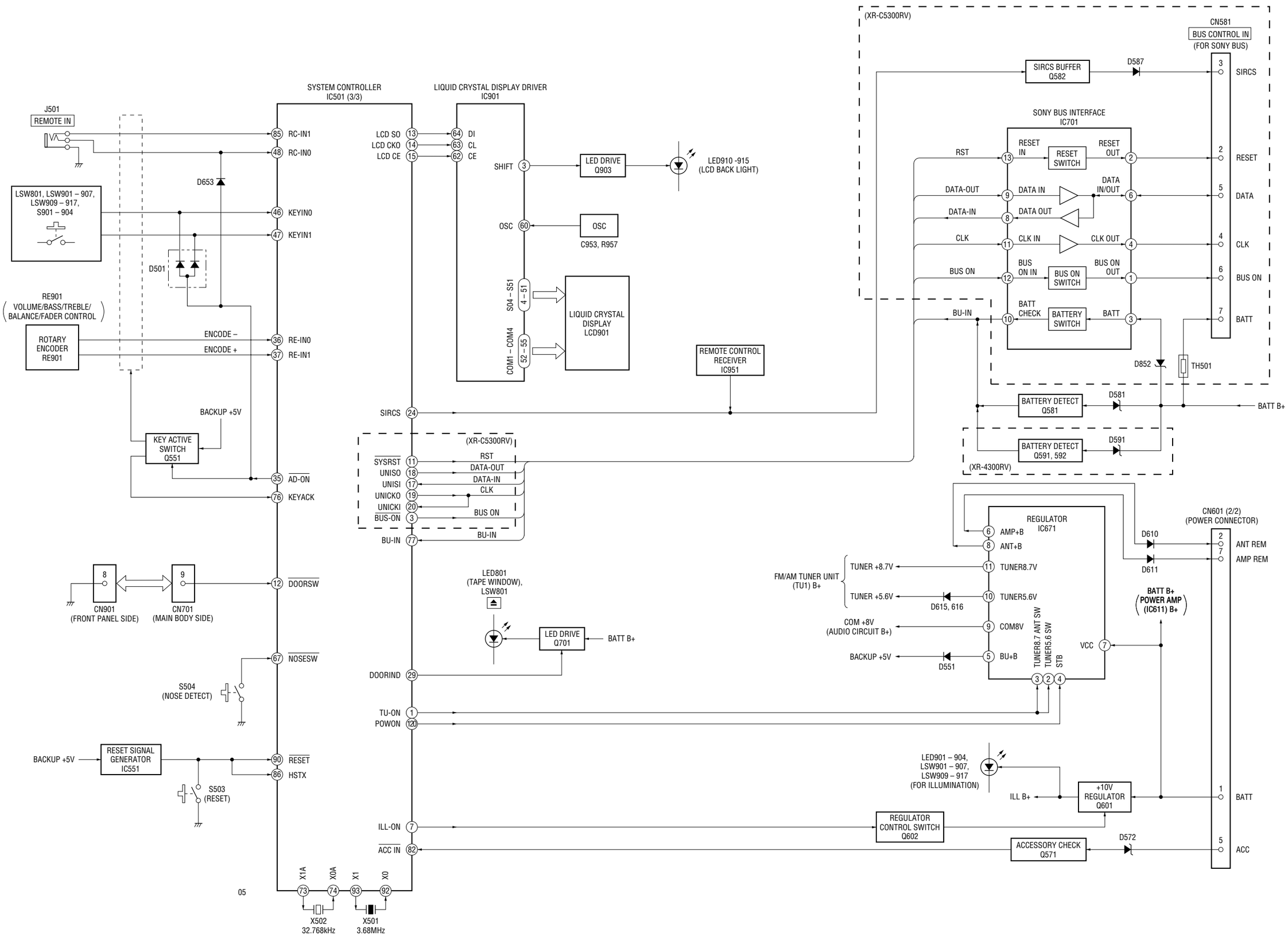
## 6-1. BLOCK DIAGRAM – TUNER Section –



## 6-2. BLOCK DIAGRAM – TAPE/MAIN Section –



## 6-3. BLOCK DIAGRAM – DISPLAY/KEY CONTROL/BUS CONTROL/POWER SUPPLY Section –



## 6-4. NOTE FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

**Note on Printed Wiring Board:**

- ⚬——— : parts extracted from the component side.
- ——— : parts extracted from the conductor side.
- ▒▒▒ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

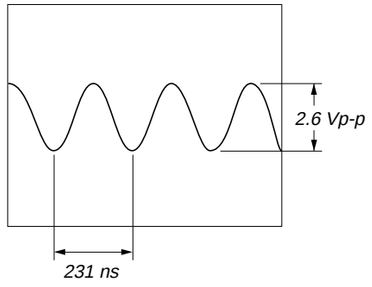
| Caution: | |
|---|---|
| Pattern face side: (Conductor Side) | Parts on the pattern face side seen from the pattern face are indicated. |
| Parts face side: (Component Side) | Parts on the parts face side seen from the parts face are indicated. |

**Note on Schematic Diagram:**

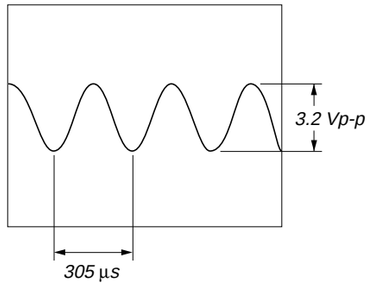
- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- ▭ : panel designation.
- B+ : B+ Line.
- Power voltage is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
  ( ) : MW/LW
  ⟨⟨ ⟩⟩ : TAPE PLAYBACK
  ∗ : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : FM
  ➡ : MW/LW
  ⇨ : BUS AUDIO IN
  ⇨ : TAPE PLAY

**• Waveforms**
**– MAIN Board –**

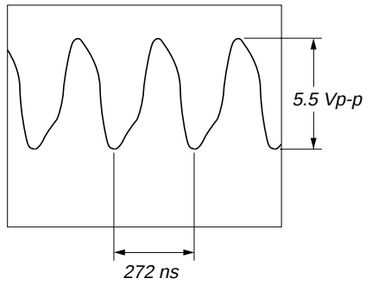
❶ IC51 ⑤ (OSCI)




❷ IC501 ⑬ (X1A)



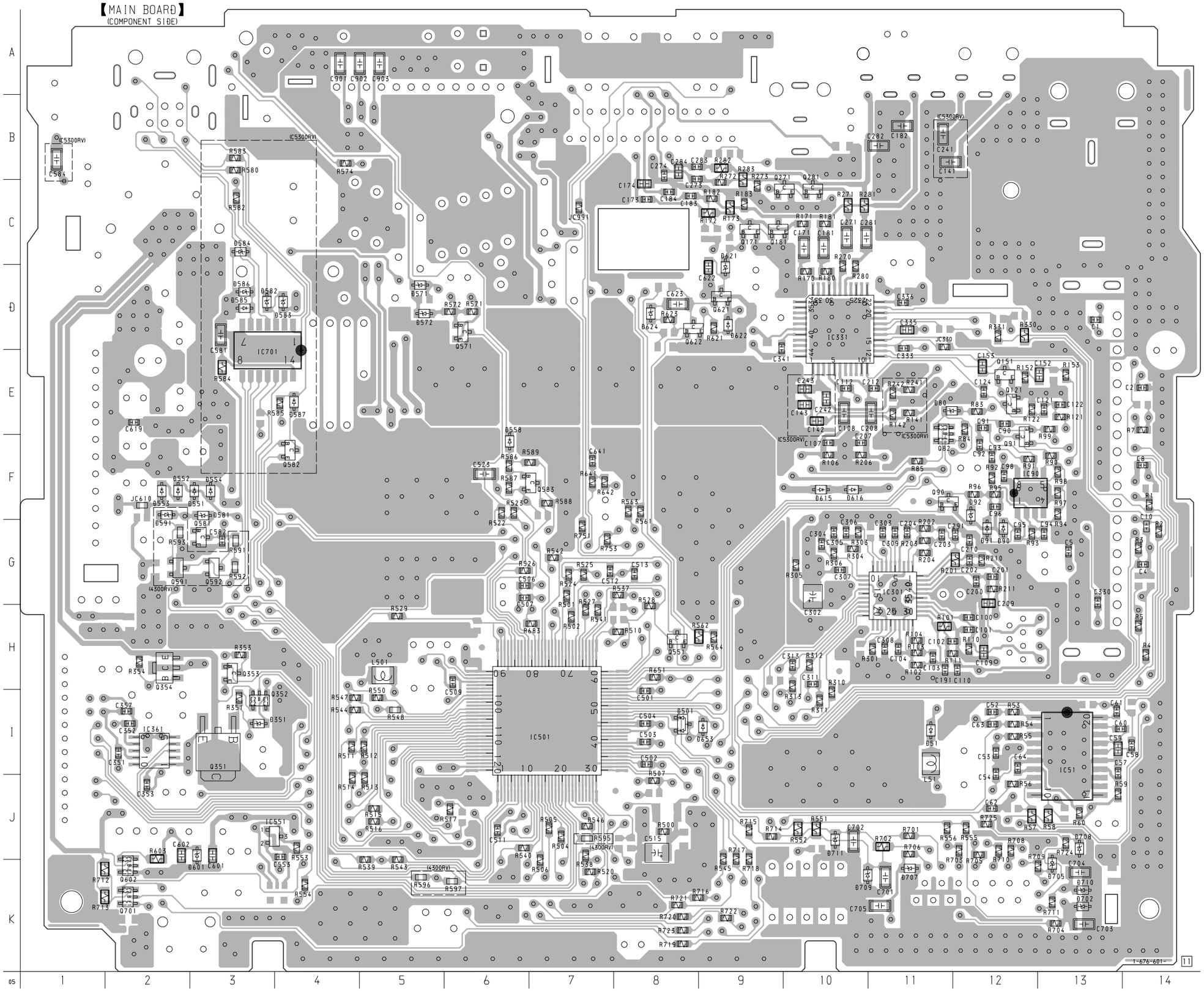

❸ IC501 ⑨③ (X1)



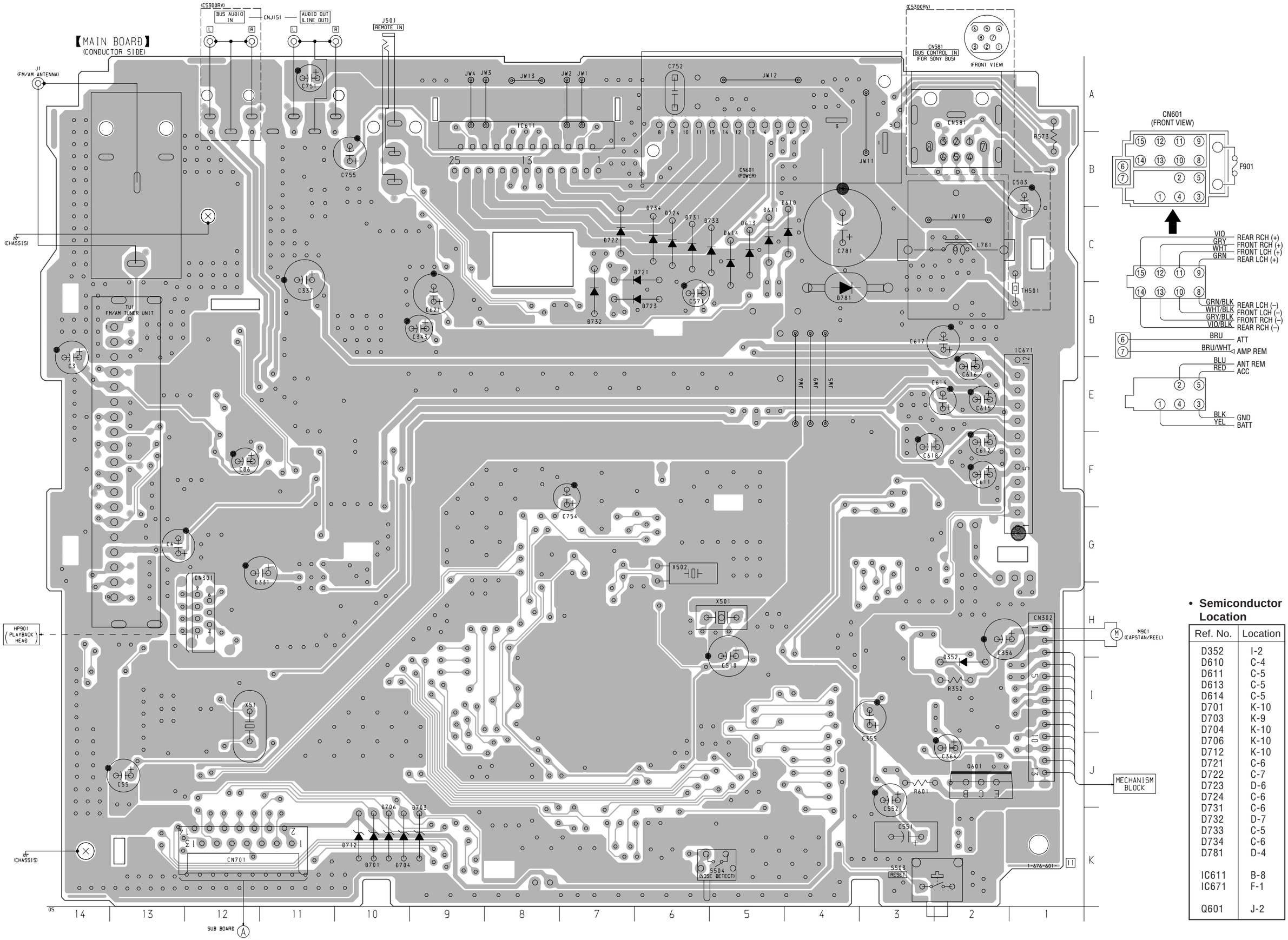
- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| D51 | I-11 |
| D80 | E-11 |
| D90 | G-12 |
| D91 | G-12 |
| D92 | F-12 |
| D351 | I-3 |
| D501 | I-8 |
| D551 | F-3 |
| D552 | F-2 |
| D553 | F-2 |
| D554 | F-3 |
| D558 | F-6 |
| D571 | D-5 |
| D572 | D-5 |
| D581 | F-3 |
| D582 | D-3 |
| D583 | D-4 |
| D584 | C-3 |
| D585 | D-3 |
| D586 | D-3 |
| D587 | E-4 |
| D591 | F-2 |
| D601 | J-3 |
| D615 | F-10 |
| D616 | F-10 |
| D621 | D-9 |
| D622 | D-9 |
| D624 | D-8 |
| D653 | I-9 |
| D702 | K-13 |
| D705 | K-13 |
| D707 | K-11 |
| D708 | J-13 |
| D709 | K-11 |
| D710 | K-13 |
| D711 | J-10 |
| | |
| IC51 | I-13 |
| IC90 | F-12 |
| IC301 | G-11 |
| IC331 | D-10 |
| IC361 | I-2 |
| IC501 | I-7 |
| IC551 | J-3 |
| IC701 | D-4 |
| | |
| Q82 | F-11 |
| Q90 | F-11 |
| Q91 | F-12 |
| Q121 | E-12 |
| Q151 | E-12 |
| Q171 | C-9 |
| Q181 | C-9 |
| Q271 | C-10 |
| Q281 | C-10 |
| Q351 | I-3 |
| Q352 | I-3 |
| Q353 | H-3 |
| Q354 | H-2 |
| Q551 | H-8 |
| Q571 | D-6 |
| Q581 | G-3 |
| Q582 | F-4 |
| Q583 | F-7 |
| Q591 | G-2 |
| Q592 | G-3 |
| Q602 | K-2 |
| Q621 | D-9 |
| Q622 | D-8 |
| Q701 | K-2 |

## 6-5. PRINTED WIRING BOARD – MAIN Board (Component Side) –



## 6-6. PRINTED WIRING BOARD – MAIN Board (Conductor Side) –

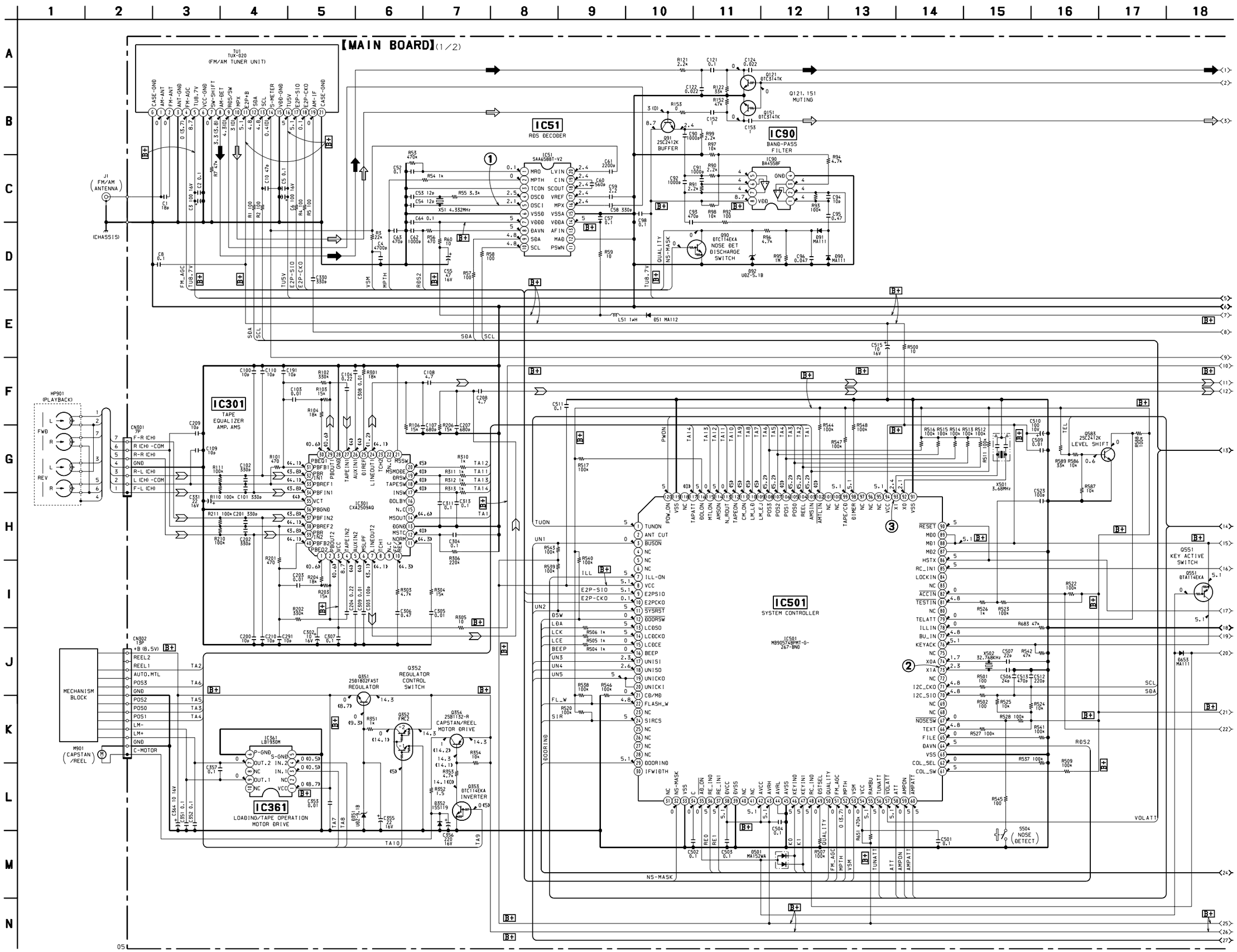



- **Semiconductor Location**

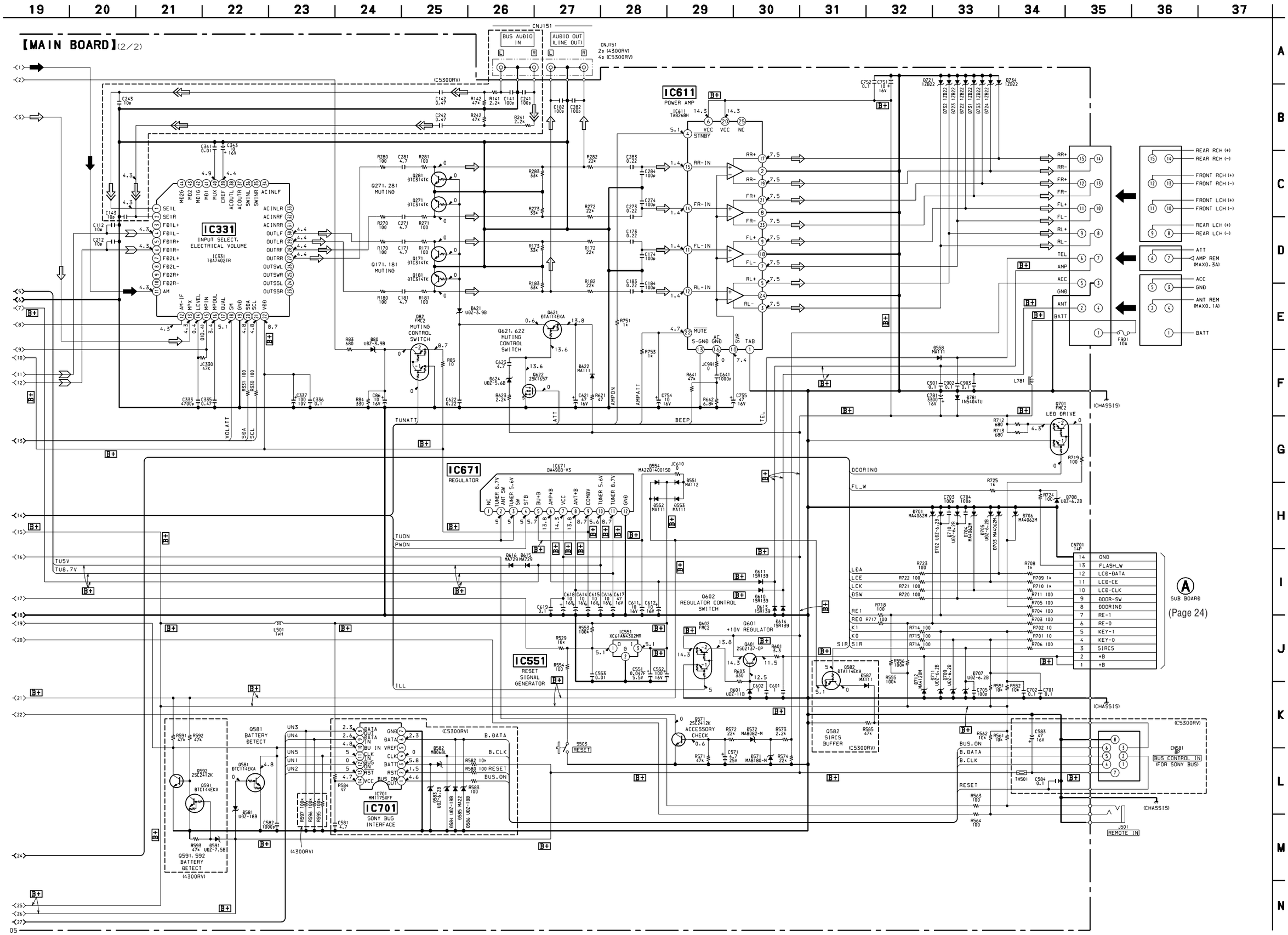
| Ref. No. | Location |
|---|---|
| D352 | I-2 |
| D610 | C-4 |
| D611 | C-5 |
| D613 | C-5 |
| D614 | C-5 |
| D701 | K-10 |
| D703 | K-9 |
| D704 | K-10 |
| D706 | K-10 |
| D712 | K-10 |
| D721 | C-6 |
| D722 | C-7 |
| D723 | D-6 |
| D724 | C-6 |
| D731 | C-6 |
| D732 | D-7 |
| D733 | C-5 |
| D734 | C-6 |
| D781 | D-4 |
| IC611 | B-8 |
| IC671 | F-1 |
| Q601 | J-2 |

(Page 24)

## 6-7. SCHEMATIC DIAGRAM – MAIN Board (1/2) – • See page 17 for Waveforms. • See page 25 for IC Block Diagrams.



## 6-8. SCHEMATIC DIAGRAM – MAIN Board (2/2) – • See page 25 for IC Block Diagrams.

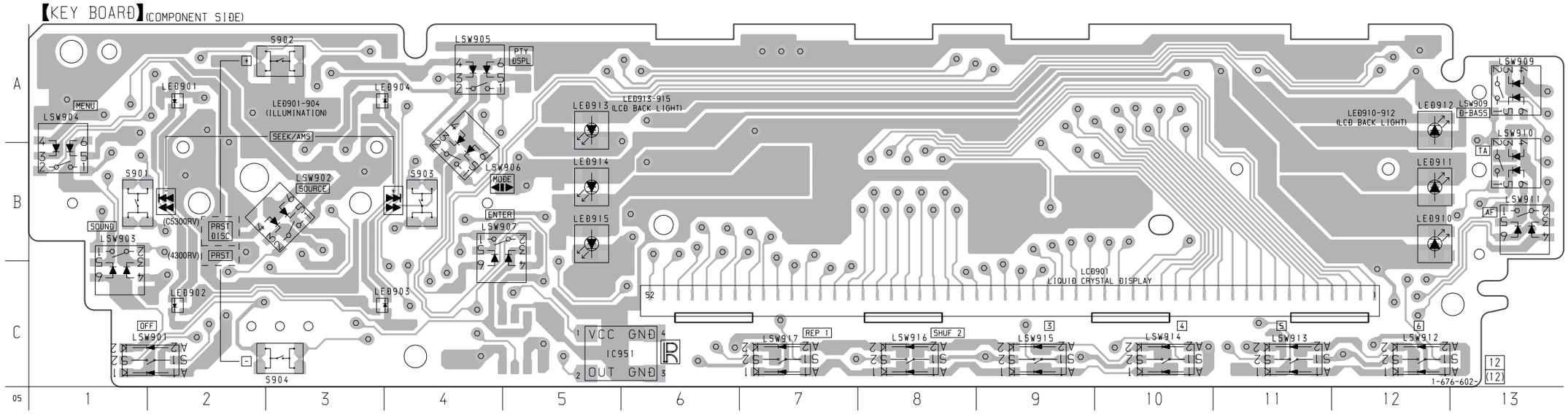


## 6-9. PRINTED WIRING BOARD – KEY Board –

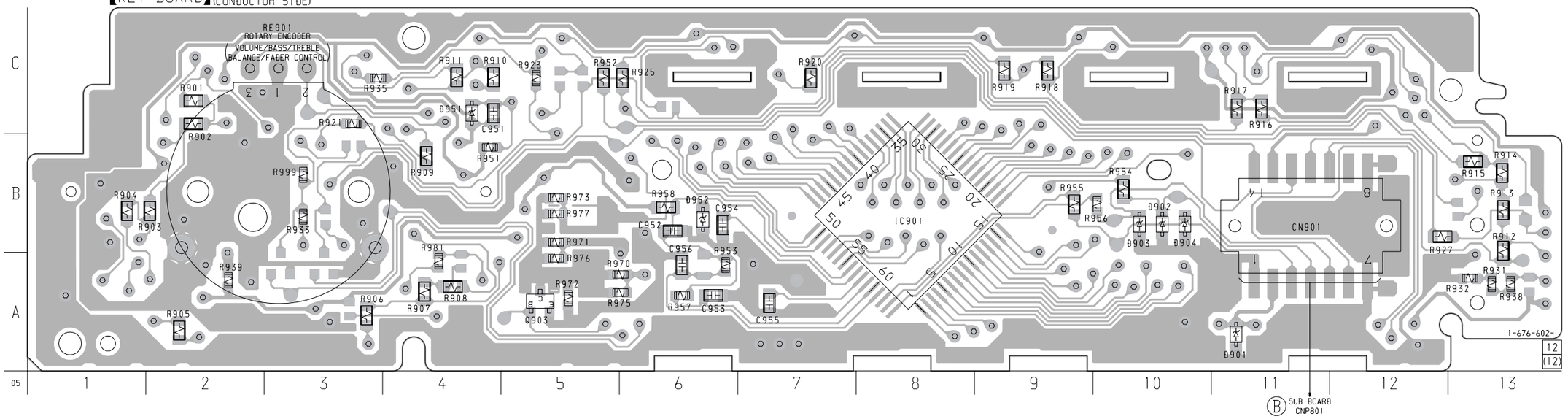
- **Semiconductor Location**

| Ref. No. | Location |
|---|---|
| IC951 | C-5 |
| LED901 | A-2 |
| LED902 | C-2 |
| LED903 | C-3 |
| LED904 | A-3 |
| LED910 | B-12 |
| LED911 | B-12 |
| LED912 | A-12 |
| LED913 | A-5 |
| LED914 | B-5 |
| LED915 | B-5 |

【KEY BOARD】(COMPONENT SIDE)

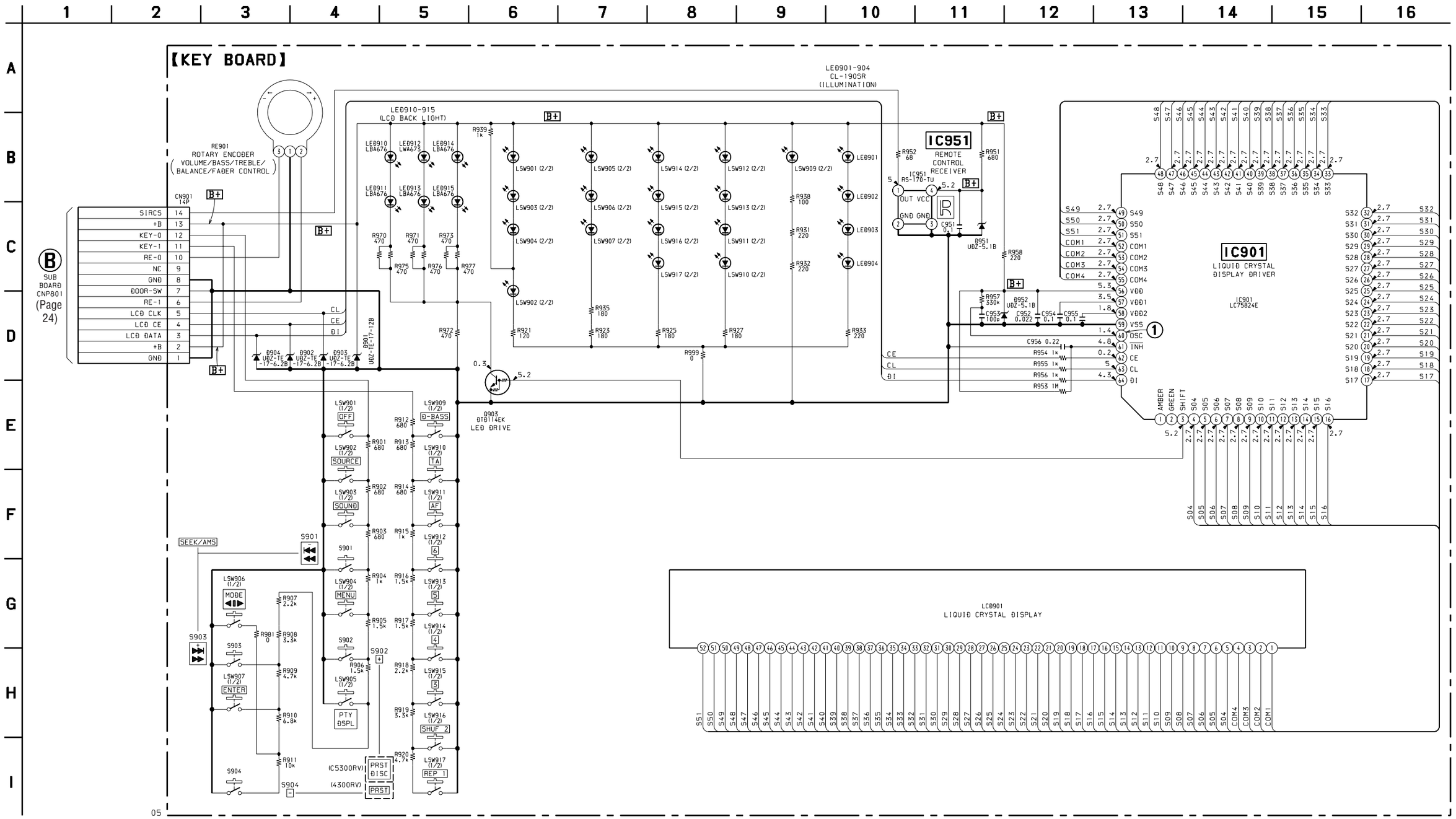



【KEY BOARD】(CONDUCTOR SIDE)



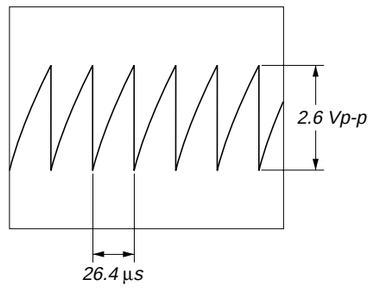

(Page 24)

## 6-10. SCHEMATIC DIAGRAM – KEY Board –

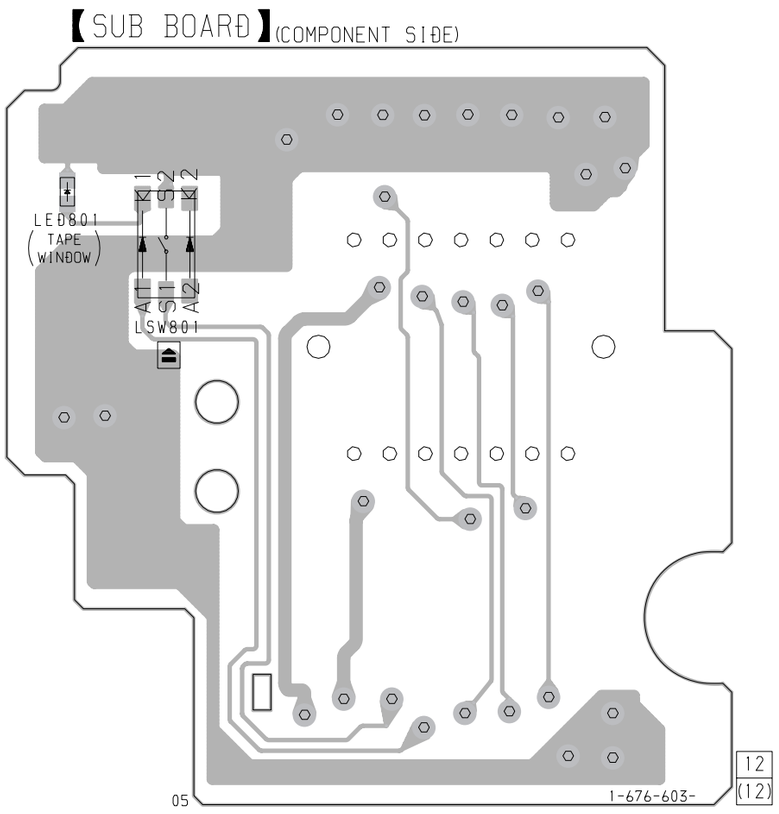


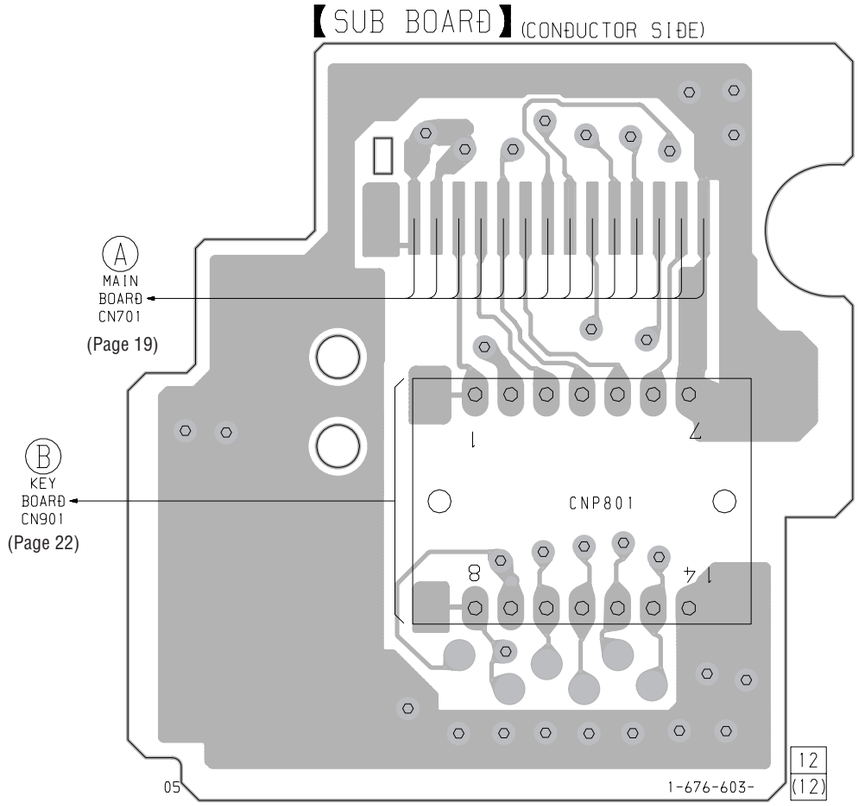

**– KEY Board –**

❶ IC901 ⑥⓪ (OSC)

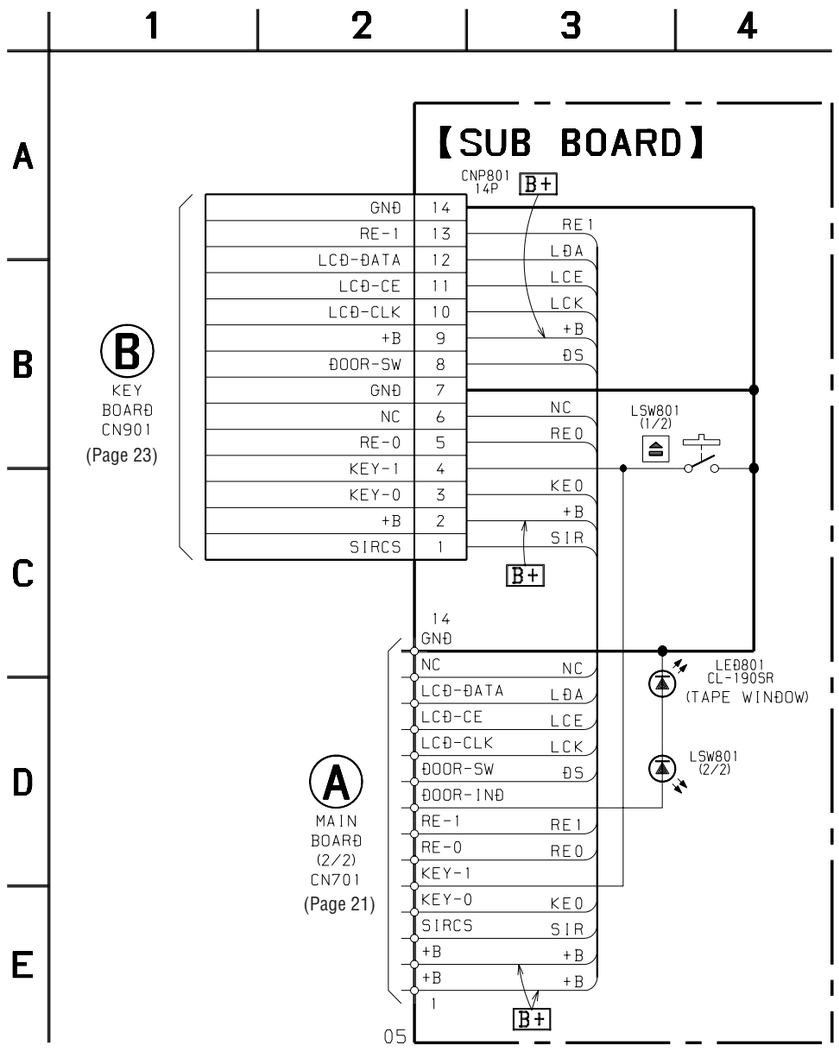


## 6-11. PRINTED WIRING BOARD – SUB Board –



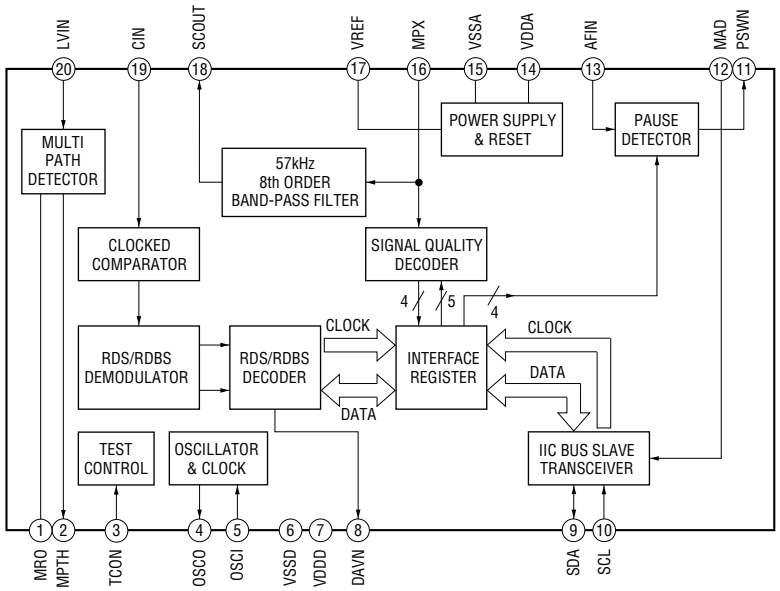

## 6-12. SCHEMATIC DIAGRAM – SUB Board –



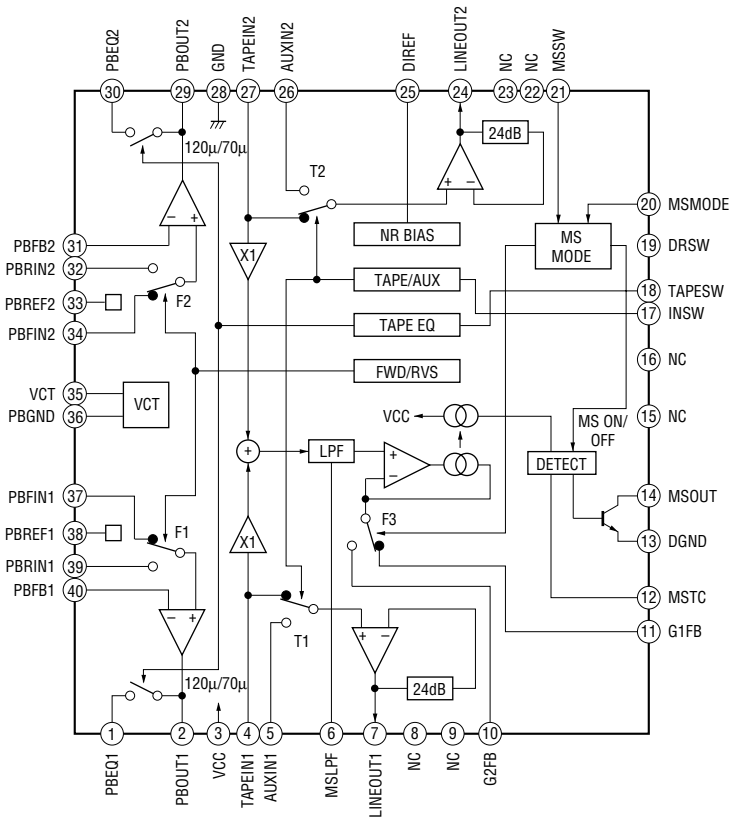
• **IC Block Diagrams**

**– MAIN BOARD –**

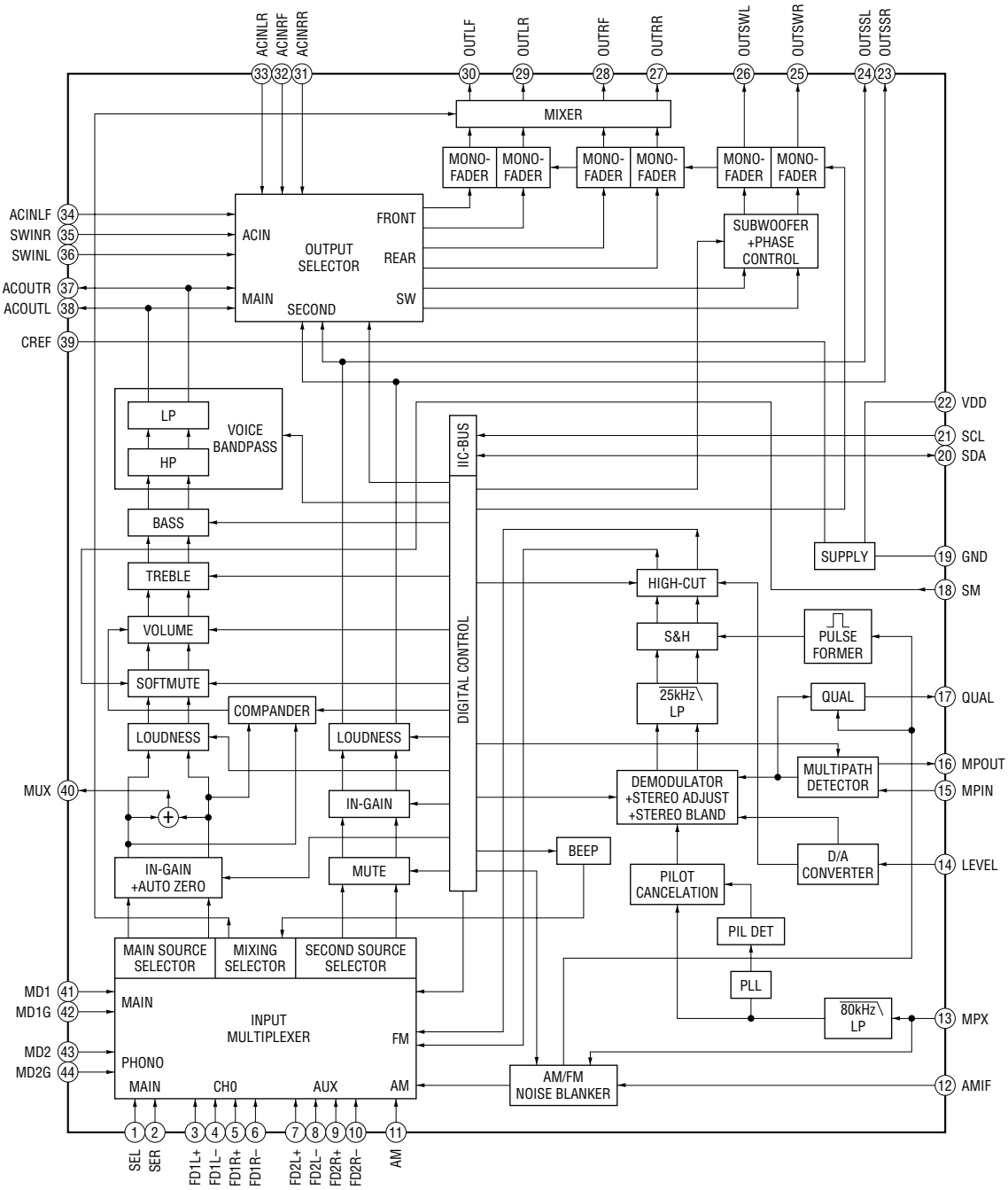
**IC51 SAA6588T/V2-118**



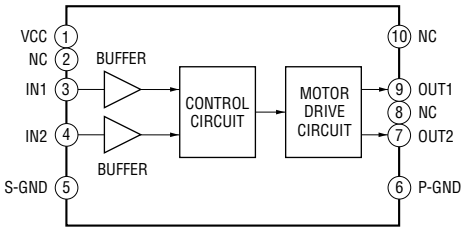

**IC301 CXA2509AQ-T4**



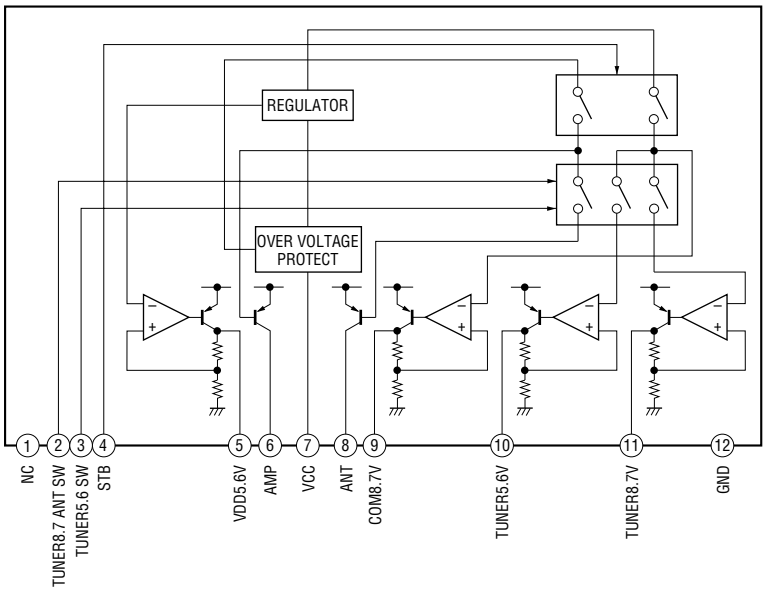
## IC331 TDA7402TR



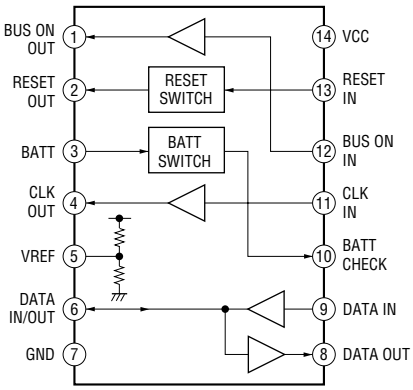
## IC361 LB1930M-TLM




## IC671 BA4908-V3




## IC701 MM1175XFF



## 6-13. IC PIN FUNCTION DESCRIPTION

**• MAIN BOARD IC501 MB90574BPMT-G-267-BND (SYSTEM CONTROLLER)**

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | TU-ON | O | Tuner system power supply on/off control signal output to the BA4908 (IC671)<br>"H": tuner power on |
| 2 | ANT CUT | O | Tuner system power supply on/off control signal output terminal "H": tuner power on<br>Not used (open) |
| 3 | $\overline{\text{BUS-ON}}$ | O | Bus on/off control signal output to the SONY bus interface (IC701) "L": bus on<br>Used for the XR-C5300RV,not used (open) for the XR-4300RV |
| 4 to 6 | NCO | O | Not used (open) |
| 7 | ILL-ON | O | Power on/off control signal output of the illumination LED and liquid crystal display driver (IC901) "H": power on |
| 8 | VCC | — | Power supply terminal (+5V) |
| 9 | E2P SIO | I/O | Two-way data bus with the FM/AM tuner unit (TU1) |
| 10 | E2P CKO | I/O | Two-way data bus with the FM/AM tuner unit (TU1) |
| 11 | $\overline{\text{SYSRST}}$ | O | Reset signal output to the SONY bus interface (IC701) "L": reset<br>Used for the XR-C5300RV,not used (open) for the XR-4300RV |
| 12 | $\overline{\text{DOORSW}}$ | I | Front panel open/close detection signal input "L" is input when the front panel is closed |
| 13 | LCD SO | O | Serial data output to the liquid crystal display driver (IC901) |
| 14 | LCD CKO | O | Serial data transfer clock signal output to the liquid crystal display driver (IC901) |
| 15 | LCD CE | O | Chip enable signal output to the liquid crystal display driver (IC901) "H" active |
| 16 | BEEP | O | Beep sound drive signal output terminal |
| 17 | UNISI | I | Serial data input from the SONY bus interface (IC701)<br>Used for the XR-C5300RV,not used (fixed at "L") for the XR-4300RV |
| 18 | UNISO | O | Serial data output to the SONY bus interface (IC701)<br>Used for the XR-C5300RV,not used (fixed at "L") for the XR-4300RV |
| 19 | UNICKO | O | Serial data transfer clock signal output to the SONY bus interface (IC701)<br>Used for the XR-C5300RV,not used (fixed at "L") for the XR-4300RV |
| 20 | UNICKI | I | Serial data transfer clock signal input from the SONY bus interface (IC701)<br>Used for the XR-C5300RV,not used (fixed at "L") for the XR-4300RV |
| 21 | CD/MD | I | CD/MD selection signal input terminal Not used (fixed at "L" in this set) |
| 22 | $\overline{\text{FLASH-W}}$ | I | Internal flash memory data write mode detection signal input terminal "L": data write mode<br>Not used (fixed at "H" in this set) |
| 23 | NCO | O | Not used (open) |
| 24 | SIRCS | I | Sircs remote control signal input form the remote control receiver (IC951) |
| 25 to 28 | NCO | O | Not used (open) |
| 29 | DOOR-IND | O | LED drive signal output of the door indicator (LED801) "H": LED on<br>"H" is output to turn on LED when front panel is opened |
| 30 | IFWIDTH | I | IF band detection signal input terminal Not used (open) |
| 31 | NCO | O | Not used (open) |
| 32 | NS MASK | O | Discharge control signal output for the noise detection circuit "H": discharge |
| 33 | VSS | — | Ground terminal |
| 34 | C | — | Connected to coupling capacitor for the power supply |
| 35 | $\overline{\text{AD-ON}}$ | O | A/D converter power control signal output terminal<br>When the KEYACK (pin ⑯) that controls reference voltage power for key A/D conversion input is active, "L" is output from this terminal to enable the input |
| 36 | RE-IN0 | I | Dial pulse input of the rotary encoder (RE901)<br>(for VOLUME/BASS/TREBLE/BALANCE/FADER control) |
| 37 | RE-IN1 | I | |
| 38 | DVCC | — | Power supply terminal (+5V) (for D/A converter) |
| 39 | DVSS | — | Ground terminal (for D/A converter) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 40, 41 | NCO | O | Not used (open) |
| 42 | AVCC | — | Power supply terminal (+5V) (for A/D converter) |
| 43 | AVRH | I | Reference voltage (+5V) input terminal (for A/D converter) |
| 44 | AVRL | I | Reference voltage (0V) input terminal (for A/D converter) |
| 45 | AVSS | — | Ground terminal (for A/D converter) |
| 46 | KEYIN0 | I | Key input terminal (A/D input) (LSW901 to LSW907, S901 to S904)<br>OFF, SOURCE, SOUND, MENU, PTY DSPL, MODE ◀II▶, ENTER, SEEK/AMS I◀◀ ◀◀ –, PRST DISC+, SEEK/AMS ▶▶I ▶▶ +, PRST DISC- keys input |
| 47 | KEYIN1 | I | Key input terminal (A/D input) (LSW801, LSW909 to LSW917)<br>⏏, D-BASS, TA, AF, 6, 5, 4, 3, SHIFT 2, REP 1 keys input |
| 48 | RC-IN0 | I | Rotary remote commander key input terminal (A/D input) |
| 49 | DSTSEL | I | Destination setting terminal (fixed at "L") |
| 50 | QUALITY | I | Noise level detection signal input at SEEK mode (A/D input) |
| 51 | FMAGC | I | FM AGC level detection signal input from the FM/AM tuner unit (TU1) (A/D input) |
| 52 | MPTH | I | Multi-path detection signal input from the RDS decoder (IC51) |
| 53 | VSM | I | FM and AM signal meter voltage detection input from the FM/AM tuner unit (TU1) (A/D input) |
| 54 | VCC | — | Power supply terminal (+5V) |
| 55 | $\overline{\text{RAMBU}}$ | I | Internal RAM reset detection signal input terminal<br>Input terminal to check that RAM data are not destroyed due to low voltage<br>This checking is made within 100 msec after reset Fixed at "H" in this set |
| 56 | TUNATT | O | Muting on/off control signal output of the FM and AM tuner signal "H": muting on |
| 57 | $\overline{\text{VOL ATT}}$ | O | Muting control signal output to the electrical volume (IC331)<br>Volume minimum: "∞" output ("H" active) |
| 58 | ATT | O | Audio line muting on/off control signal output terminal "H": muting on |
| 59 | AMP ON | O | Standby on/off control signal output to the power amplifier (IC611)<br>"L": standby mode, "H": amp on |
| 60 | $\overline{\text{AMP ATT}}$ | O | Muting on/off control signal output to the power amplifier (IC611) "L": muting on |
| 61 | COLSW | I | Setting terminal for the illumination color "L": 2 colors, "H": 1 color (fixed at "H" in this set) |
| 62 | COLSEL | I | Setting terminal for the illumination color "L": amber, "H": green (fixed at "L" in this set) |
| 63 | VSS | — | Ground terminal |
| 64 | DAVN | I | Data transmit completed detect signal input from the RDS decoder (IC51) "H" active |
| 65 | FILE | I | Setting terminal for the custom file (fixed at "L" in this set) |
| 66 | TEXT | I | Setting terminal for the CD text (fixed at "L" in this set) |
| 67 | $\overline{\text{NOSESW}}$ | I | Front panel block remove/attach detection signal input terminal<br>"L": front panel is attached |
| 68, 69 | NCO | O | Not used (open) |
| 70 | I2C SIO | I/O | Two-way data bus with the RDS decoder (IC51), electrical volume (IC331) and FM/AM tuner unit (TU1) |
| 71 | I2C CKO | O | Bus clock signal output to the RDS decoder (IC51), electrical volume (IC331) and FM/AM tuner unit (TU1) |
| 72 | NCO | O | Not used (open) |
| 73 | X1A | O | Sub system clock output terminal (32.768 kHz) |
| 74 | X0A | I | Sub system clock input terminal (32.768 kHz) |
| 75 | NCO | O | Not used (open) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 76 | KEYACK | I | Input of acknowledge signal for the key entry Acknowledge signal is input to accept function and eject keys in the power off status On at input of "H" |
| 77 | BU-IN | I | Battery detect signal input from the SONY bus interface (IC701) and battery detect circuit<br>"L" is input at low voltage IC701: Used for the XR-C5300RV |
| 78 | $\overline{\text{ILL IN}}$ | I | Auto dimmer control illumination line detection signal input terminal<br>"L" is input at dimmer detection Fixed at "L" in this set |
| 79 | TEL-ATT | I | Telephone muting signal input terminal At input of "H", the signal is attenuated by –20 dB |
| 80 | NCO | O | Not used (open) |
| 81 | $\overline{\text{TESTIN}}$ | I | Setting terminal for the test mode "L": test mode, Normally: fixed at "H" |
| 82 | $\overline{\text{ACC IN}}$ | I | Accessory detect signal input terminal "L": accessory on |
| 83 | NCO | O | Not used (open) |
| 84 | LOCKIN | I | MD lock detection signal input terminal Not used (open) |
| 85 | RC-IN1 | I | Rotary remote commander shift key input terminal "L": shift |
| 86 | HSTX | I | Hardware standby input terminal "L": hardware standby mode Reset signal input in this set |
| 87 | MD2 | I | Setting terminal for the CPU operational mode (fixed at "L" in this set) |
| 88, 89 | MD1, MD0 | I | Setting terminal for the CPU operational mode (fixed at "H" in this set) |
| 90 | $\overline{\text{RESET}}$ | I | System reset signal input from the reset signal generator (IC551) and reset switch (S503)<br>"L": reset "L" is input for several 100 msec after power on, then it changes to "H" |
| 91 | VSS | — | Ground terminal |
| 92 | X0 | I | Main system clock input terminal (3.68 MHz) |
| 93 | X1 | O | Main system clock output terminal (3.68 MHz) |
| 94 | VCC | — | Power supply terminal (+5V) |
| 95 to 97 | NCO | O | Not used (open) |
| 98 | DIMSEL | I | Dimmer selection signal input terminal (fixed at "L" in this set) |
| 99 | TAPE/CD | I | Tape/CD selection signal input terminal "L": CD, "H": tape (fixed at "H" in this set) |
| 100, 101 | NCO | O | Not used (open) |
| 102 | MTLIN | I | Auto metal detection signal input terminal "L": auto metal (fixed at "H" in this set) |
| 103 | AMSIN | I | Whether a music is present or not from CXA2509AQ (IC301) is detected at auto music sensor<br>"L": music is present, "H": music is not present |
| 104 | REEL | I | Rotation detect signal input from supply reel sensor and take-up reel sensor on the deck mechanism |
| 105 | POS0 | I | Tape position (EJECT/FF/REW/REV/FWD mode) detect input from the tape operation switch on the deck mechanism<br>POS0: "L": EJECT mode, "H": others mode<br>POS1: "L": FF and FWD mode, "H": others mode<br>POS2: "L": REW mode, "H": others mode<br>POS3: "L": REV and EJECT mode, "H": others mode |
| 106 | POS1 | I | |
| 107 | POS2 | I | |
| 108 | POS3 | I | |
| 109 | LM-EJ | O | Motor drive signal output to the loading/tape operation motor drive (IC361) "H" active<br>(For the eject direction and reverse side operation) *1 |
| 110 | LM-LOD | O | Motor drive signal output to the loading/tape operation motor drive (IC361) "H" active<br>(For the loading direction and forward side operation) *1 |
| 111 | CM-ON | O | Capstan/reel motor (M901) drive signal output terminal "H": motor on |
| 112 | TAPEON | O | Tape system power supply on/off control signal output terminal "H": tape on |
| 113 | N-ROUT | O | Forward/reverse direction control signal output to the CXA2509AQ (IC301)<br>"L": forward direction, "H": reverse direction |
| 114 | $\overline{\text{AMSON}}$ | O | Tape auto music sensor control signal output to the CXA2509AQ (IC301)<br>"L" is output to lower the gain for audio level at FF/REW mode |
| 115 | MTLON | I/O | METAL control in/out terminal<br>At initial mode: auto/manual mode selection input of METAL function (manual at "L" input)<br>At manual mode: METAL on/off control signal output terminal (METAL on at "H" output)<br>At auto mode: input at MTLIN (pin ⑩②) |

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 116 | DOLON | I/O | Dolby control in/out terminal<br>At initial mode: valid/invalid selection input of dolby function (valid at “L” input)<br>At normal mode: dolby on/off control signal output terminal (dolby on at “H” output)<br>Not used this function (fixed at “H”) |
| 117 | TAPE ATT | O | Tape muting on/off control signal output to the CXA2509AQ (IC301) “H”: muting on<br>Active at ATA, FF/REW mode |
| 118 | NCO | O | Not used (open) |
| 119 | VSS | — | Ground terminal |
| 120 | POWON | O | Main system power supply on/off control signal output to the BA4908 (IC671) “H”: power on |

*1 Loading/tape operation motor control

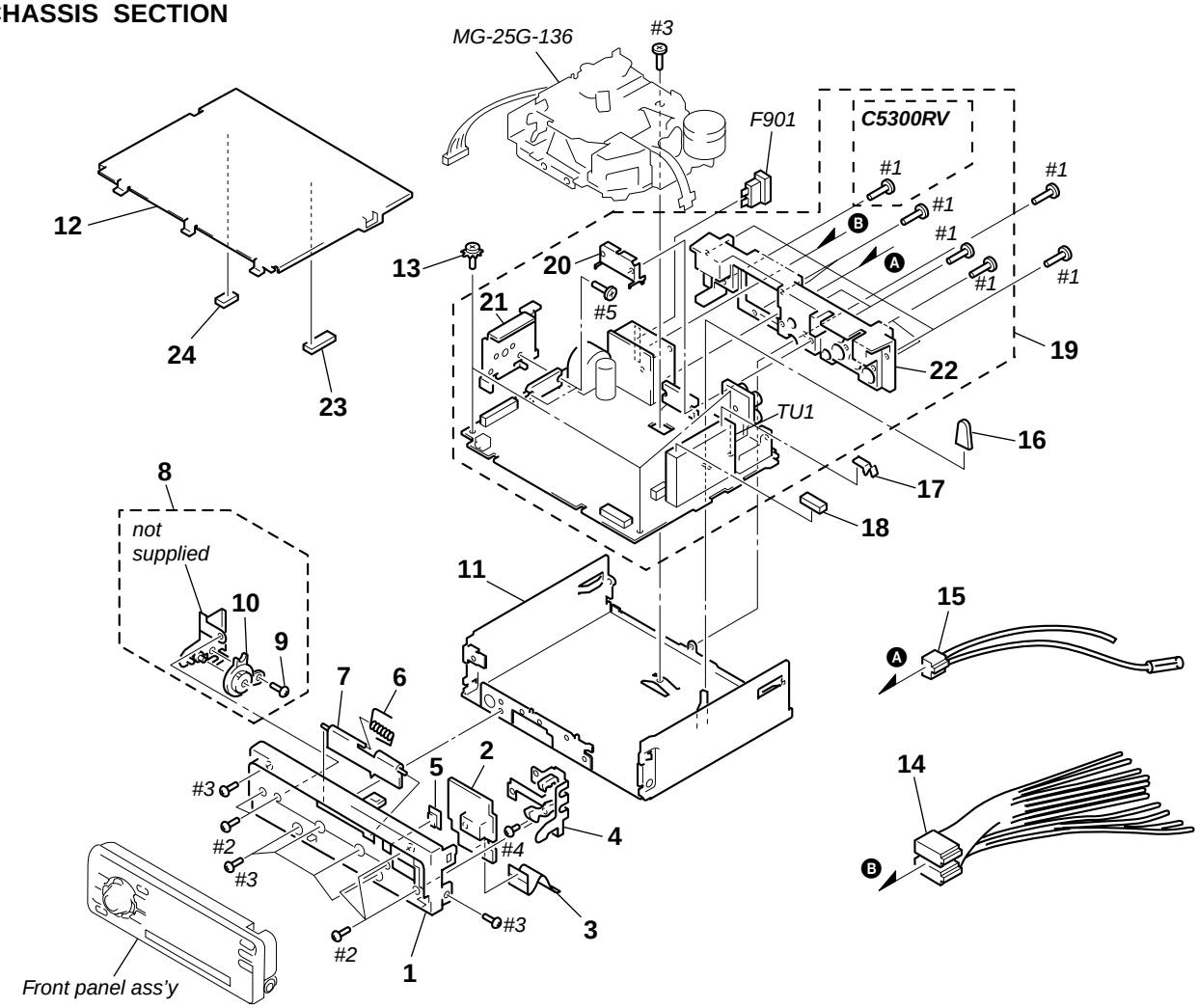
| Mode / Terminal | STOP | LOADING/ FORWARD | EJECT/ REVERSE | BRAKE |
|---|---|---|---|---|
| LM-LOD (pin ⑩⑨) | “L” | “H” | “L” | “H” |
| LM-EJ (pin ⑩⑧) | “L” | “L” | “H” | “H” |

# SECTION 7
# EXPLODED VIEWS

NOTE:

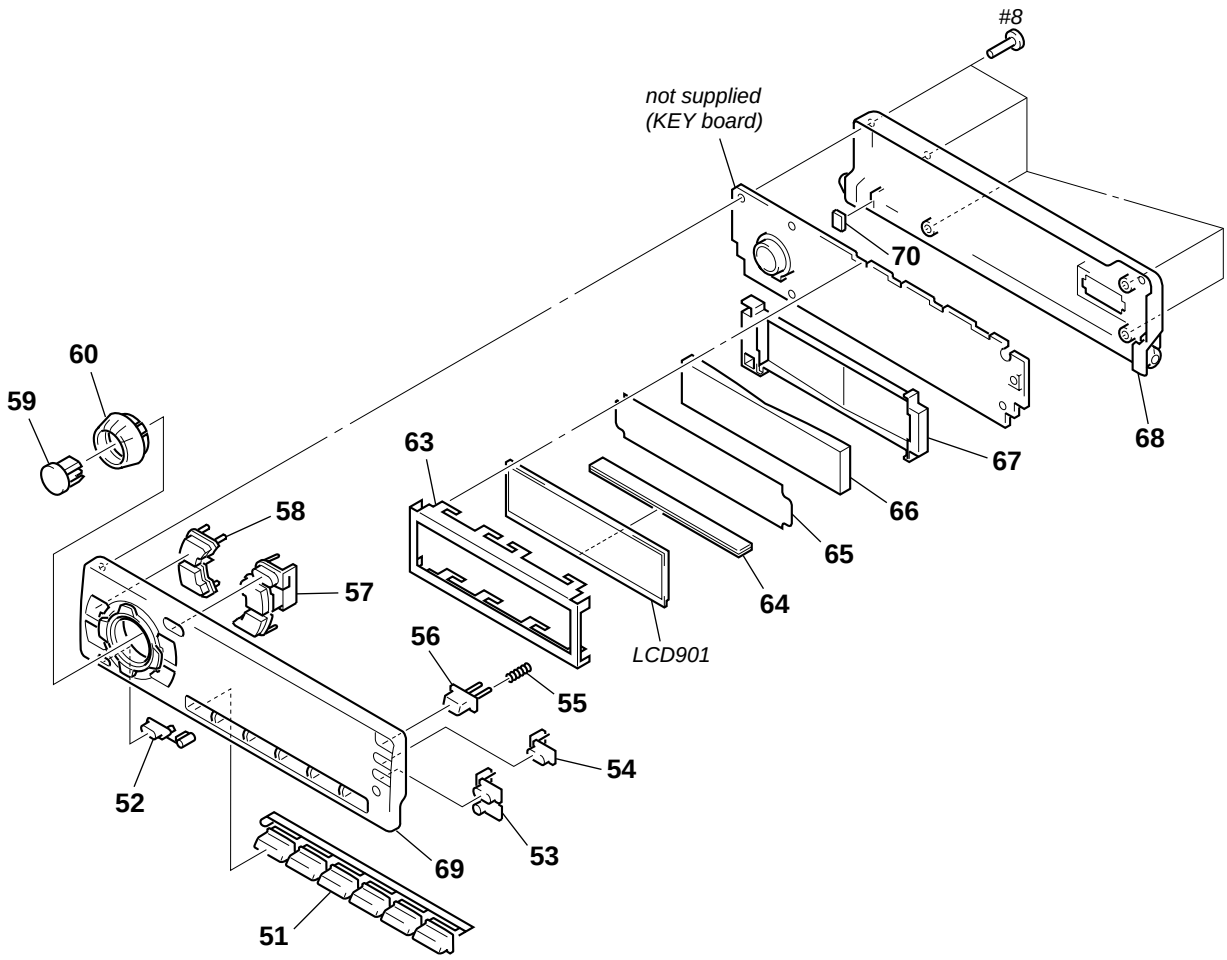
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of the electrical parts list.

## (1) CHASSIS SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 1 | X-3378-397-1 | PANEL ASSY, SUB | |
| * 2 | 1-676-603-12 | SUB BOARD | |
| 3 | 1-792-195-11 | CABLE, FLEXIBLE FLAT | |
| 4 | X-3377-621-2 | LOCK ASSY | |
| 5 | 3-040-990-01 | BUTTON (EJECT) (⏏) | |
| 6 | 3-935-003-01 | SPRING, TORSION | |
| 7 | 3-027-437-12 | DOOR, CASSETTE | |
| 8 | X-3376-699-2 | GEAR ASSY | |
| 9 | 3-713-786-51 | SCREW +P 2X3 | |
| 10 | 3-030-909-02 | DAMPER, OIL | |
| * 11 | 3-040-994-01 | CHASSIS | |
| * 12 | 3-040-995-01 | COVER | |
| 13 | 3-915-923-01 | SCREW, GROUND POINT | |
| 14 | 1-782-381-11 | CORD (WITH CONNECTOR) (ISO P&S) (POWER) (EXCEPT GERMAN) | |
| 15 | 1-777-989-41 | CORD (WITH CONNECTOR) (AMP REM/ATT) | |
| 16 | 3-012-859-01 | CAP (25), RUBBER | |
| * 17 | 3-045-878-01 | PLATE (TU), GROUND | |
| * 18 | 3-045-877-01 | CUSHION (TU) | |
| * 19 | A-3326-155-A | MAIN BOARD, COMPLETE (C5300RV) | |
| * 19 | A-3326-177-A | MAIN BOARD, COMPLETE (4300RV) | |
| * 20 | 3-040-998-01 | BRACKET (IC) | |
| * 21 | 3-041-262-01 | HEAT SINK (REG/XR) | |
| * 22 | 3-041-014-01 | HEAT SINK (IS02P) (4300RV) | |
| * 22 | 3-041-014-11 | HEAT SINK (IS02P) (C5300RV) | |
| 23 | 3-046-991-01 | SPACER (COVER R) | |
| 24 | 3-046-990-01 | SPACER (COVER L) | |
| F901 | 1-532-877-11 | FUSE (BLADE TYPE) (AUTO FUSE) (10A) | |
| TU1 | A-3220-738-A | FM/AM TUNER UNIT (TUX-020) | |

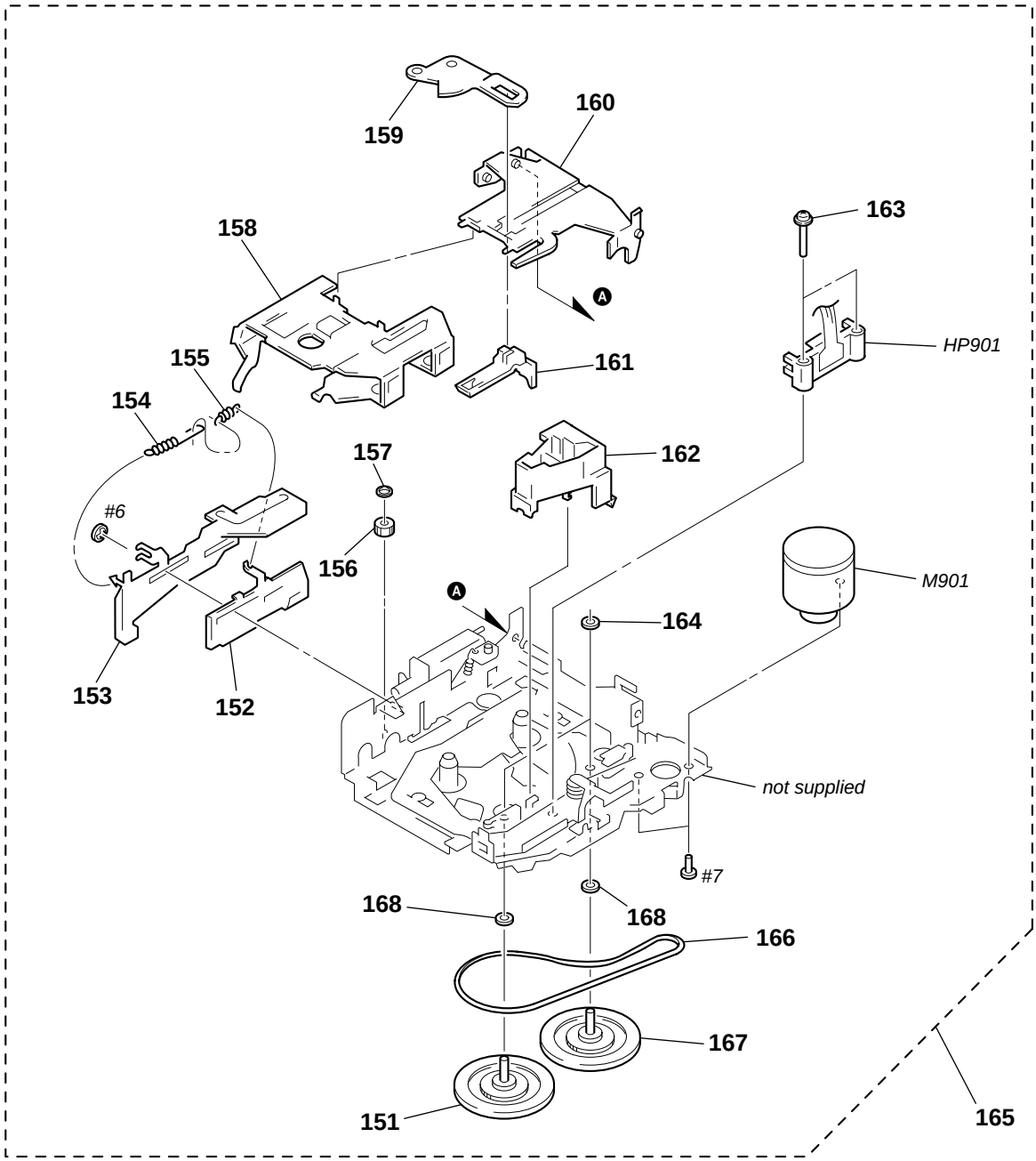
## (2) FRONT PANEL SECTION




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | 3-040-988-01 | BUTTON (1-6) (1. 2. 3. 4. 5. 6) | |
| 52 | 3-040-987-01 | BUTTON (OFF) | |
| 53 | 3-041-006-01 | BUTTON (AF/TA) | |
| 54 | 3-041-005-11 | BUTTON (D) (D-BASS) | |
| 55 | 3-037-267-01 | SPRING (OPEN) | |
| 56 | 3-040-989-01 | BUTTON (OPEN) | |
| 57 | 3-040-985-01 | BUTTON (DIR/ENTER) (DSPL. MODE ◄II►. ENTER) | |
| 58 | 3-040-986-01 | BUTTON (MENU/SOUND) | |
| 59 | 3-040-980-01 | BUTTON (SOURCE) | |
| 60 | 3-040-981-01 | KNOB (VOL) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * 63 | 3-040-997-01 | PLATE (LCD), GROUND | |
| 64 | 1-694-660-11 | CONDUCTIVE BOARD, CONNECTION | |
| * 65 | 3-041-371-01 | SHEET (REFLECTOR) | |
| * 66 | 3-040-993-01 | PLATE (LCD), LIGHT GUIDE | |
| * 67 | 3-040-992-01 | HOLDER (LCD) | |
| 68 | X-3378-398-1 | PANEL ASSY, FRONT BACK | |
| 69 | X-3378-586-1 | PANEL SUB ASSY (C5300RV) | |
| 69 | X-3378-589-1 | PANEL SUB ASSY (4300RV) | |
| 70 | 3-045-596-01 | CUSHION (OFF) | |
| LCD901 | 1-803-889-11 | DISPLAY PANEL, LIQUID CRYSTAL | |

## (3) MECHANISM DECK SECTION (MG-25G-136)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 151 | A-3291-667-A | CLUTCH (FR) ASSY | |
| * 152 | 3-019-130-01 | LEVER (LDG-A) | |
| * 153 | 3-019-131-01 | LEVER (LDG-B) | |
| 154 | 3-020-539-01 | SPRING (LD-1), TENSION | |
| 155 | 3-020-540-01 | SPRING (LD-2), TENSION | |
| 156 | 3-020-542-01 | GEAR (LOADING FT) | |
| 157 | 3-341-753-11 | WASHER, POLYETHYLENE | |
| 158 | 3-020-533-01 | HOUSING | |
| * 159 | 3-020-532-01 | ARM (SUCTION) | |
| 160 | 3-020-534-01 | HANGER | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 161 | 3-933-346-01 | CATCHER | |
| 162 | 3-933-344-01 | GUIDE (C) | |
| 163 | 3-014-798-01 | SCREW (HEAD), SPECIAL | |
| 164 | 3-364-151-01 | WASHER | |
| 165 | A-3220-610-A | MECHANISM DECK ASSY | |
| 166 | 3-017-302-01 | BELT (25) | |
| 167 | 3-936-853-01 | FLYWHEEL (F) | |
| 168 | 3-701-437-21 | WASHER | |
| HP901 | 1-500-196-21 | HEAD, MAGNETIC (PLAYBACK) | |
| M901 | A-3291-665-A | MOTOR ASSY, MAIN (CAPSTAN/REEL) | |

# SECTION 8
# ELECTRICAL PARTS LIST

KEY

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service.
  Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA. . : µA. . uPA. . : µPA. .
  uPB. . : µPB. . uPC. . : µPC. .
  uPD. . : µPD. .
- CAPACITORS
  uF: µF
- COILS
  uH: µH

When indicating parts by reference number, please include the board.

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | KEY BOARD | | | |
| | | ********** | | | |
| | 1-694-660-11 | CONDUCTIVE BOARD, CONNECTION | | | |
| * | 3-040-992-01 | HOLDER (LCD) | | | |
| * | 3-040-993-01 | PLATE (LCD), LIGHT GUIDE | | | |
| * | 3-040-997-01 | PLATE (LCD), GROUND | | | |
| * | 3-041-371-01 | SHEET (REFLECTOR) | | | |
| | | < CAPACITOR > | | | |
| C951 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C952 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% | 25V |
| C953 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C954 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C955 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C956 | 1-164-489-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| | | < CONNECTOR > | | | |
| CN901 | 1-794-065-21 | PLUG, CONNECTOR 14P | | | |
| | | < DIODE > | | | |
| D901 | 8-719-158-49 | DIODE UDZ-TE-17-12B | | | |
| D902 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | | | |
| D903 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | | | |
| D904 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | | | |
| D951 | 8-719-976-99 | DIODE UDZ-TE-17-5.1B | | | |
| D952 | 8-719-976-99 | DIODE UDZ-TE-17-5.1B | | | |
| | | < IC > | | | |
| IC901 | 8-759-366-34 | IC LC75824E | | | |
| IC951 | 8-749-012-25 | IC RS-170-TU | | | |
| | | < LIQUID CRYSTAL DISPLAY > | | | |
| LCD901 | 1-803-889-11 | DISPLAY PANEL, LIQUID CRYSTAL | | | |
| | | < LED > | | | |
| LED901 | 8-719-061-16 | LED CL-190SR-CD-T (ILLUMINATION) | | | |
| LED902 | 8-719-061-16 | LED CL-190SR-CD-T (ILLUMINATION) | | | |
| LED903 | 8-719-061-16 | LED CL-190SR-CD-T (ILLUMINATION) | | | |
| LED904 | 8-719-061-16 | LED CL-190SR-CD-T (ILLUMINATION) | | | |
| LED910 | 8-719-072-40 | LED LBA676-J2K1K2 (LCD BACK LIGHT) | | | |
| LED911 | 8-719-072-40 | LED LBA676-J2K1K2 (LCD BACK LIGHT) | | | |
| LED912 | 8-719-072-40 | LED LBA676-J2K1K2 (LCD BACK LIGHT) | | | |
| LED913 | 8-719-072-40 | LED LBA676-J2K1K2 (LCD BACK LIGHT) | | | |
| LED914 | 8-719-072-40 | LED LBA676-J2K1K2 (LCD BACK LIGHT) | | | |
| LED915 | 8-719-072-40 | LED LBA676-J2K1K2 (LCD BACK LIGHT) | | | |
| | | < SWITCH > | | | |
| LSW901 | 1-771-883-21 | SWITCH, TACTILE (WITH LED) (OFF) | | | |
| LSW902 | 1-771-476-11 | SWITCH, KEY BOARD (WITH LED) (SOURCE) | | | |
| LSW903 | 1-771-476-11 | SWITCH, KEY BOARD (WITH LED) (SOUND) | | | |
| LSW904 | 1-771-476-11 | SWITCH, KEY BOARD (WITH LED) (MENU) | | | |
| LSW905 | 1-771-476-11 | SWITCH, KEY BOARD (WITH LED) (PTY DSPL) | | | |
| LSW906 | 1-771-476-11 | SWITCH, KEY BOARD (WITH LED) (MODE ◄II►) | | | |
| LSW907 | 1-771-476-11 | SWITCH, KEY BOARD (WITH LED) (ENTER) | | | |
| LSW909 | 1-762-737-11 | SWITCH, KEYBOARD (LED) (D-BASS) | | | |
| LSW910 | 1-771-476-11 | SWITCH, KEY BOARD (WITH LED) (TA) | | | |
| LSW911 | 1-771-476-11 | SWITCH, KEY BOARD (WITH LED) (AF) | | | |
| LSW912 | 1-771-883-21 | SWITCH, TACTILE (WITH LED) (6) | | | |
| LSW913 | 1-771-883-21 | SWITCH, TACTILE (WITH LED) (5) | | | |
| LSW914 | 1-771-883-21 | SWITCH, TACTILE (WITH LED) (4) | | | |
| LSW915 | 1-771-883-21 | SWITCH, TACTILE (WITH LED) (3) | | | |
| LSW916 | 1-771-883-21 | SWITCH, TACTILE (WITH LED) (SHUF 2) | | | |
| LSW917 | 1-771-883-21 | SWITCH, TACTILE (WITH LED) (REP 1) | | | |
| | | < TRANSISTOR > | | | |
| Q903 | 8-729-904-75 | TRANSISTOR DTD114EK-T-146 | | | |
| | | < RESISTOR > | | | |
| R901 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R902 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R903 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R904 | 1-216-651-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R905 | 1-216-655-11 | METAL CHIP | 1.5K | 0.5% | 1/10W |
| R906 | 1-216-655-11 | METAL CHIP | 1.5K | 0.5% | 1/10W |
| R907 | 1-216-659-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| R908 | 1-216-663-11 | METAL CHIP | 3.3K | 0.5% | 1/10W |
| R909 | 1-216-667-11 | METAL CHIP | 4.7K | 0.5% | 1/10W |
| R910 | 1-216-671-11 | METAL CHIP | 6.8K | 0.5% | 1/10W |
| R911 | 1-208-806-11 | RES-CHIP | 10K | 2% | 1/10W |
| R912 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R913 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R914 | 1-216-647-11 | METAL CHIP | 680 | 0.5% | 1/10W |
| R915 | 1-216-651-11 | METAL CHIP | 1K | 0.5% | 1/10W |
| R916 | 1-216-655-11 | METAL CHIP | 1.5K | 0.5% | 1/10W |

**KEY** **MAIN**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R917 | 1-216-655-11 | METAL CHIP | 1.5K | 0.5% | 1/10W |
| R918 | 1-216-659-11 | METAL CHIP | 2.2K | 0.5% | 1/10W |
| R919 | 1-216-663-11 | METAL CHIP | 3.3K | 0.5% | 1/10W |
| R920 | 1-216-667-11 | METAL CHIP | 4.7K | 0.5% | 1/10W |
| R921 | 1-216-810-11 | METAL CHIP | 120 | 5% | 1/16W |
| R923 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/16W |
| R925 | 1-216-031-00 | METAL CHIP | 180 | 5% | 1/10W |
| R927 | 1-216-031-00 | METAL CHIP | 180 | 5% | 1/10W |
| R931 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/16W |
| R932 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/16W |
| R933 | 1-216-813-11 | METAL CHIP | 220 | 5% | 1/16W |
| R935 | 1-216-812-11 | METAL CHIP | 180 | 5% | 1/16W |
| R938 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R939 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R951 | 1-216-819-11 | METAL CHIP | 680 | 5% | 1/16W |
| R952 | 1-216-021-00 | METAL CHIP | 68 | 5% | 1/10W |
| R953 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/16W |
| R954 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R955 | 1-216-049-11 | RES-CHIP | 1K | 5% | 1/10W |
| R956 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R957 | 1-216-851-11 | METAL CHIP | 330K | 5% | 1/16W |
| R958 | 1-216-033-00 | METAL CHIP | 220 | 5% | 1/10W |
| R970 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/16W |
| R971 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/16W |
| R972 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/16W |
| R973 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/16W |
| R975 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/16W |
| R976 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/16W |
| R977 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/16W |
| R981 | 1-216-864-11 | METAL CHIP | 0 | 5% | 1/16W |
| R999 | 1-216-864-11 | METAL CHIP | 0 | 5% | 1/16W |
| | | < ROTARY ENCODER > | | | |
| RE901 | 1-475-014-12 | ENCODER, ROTARY (VOLUME/BASS/TREBLE/ BALANCE/FADER CONTROL) | | | |
| | | < SWITCH > | | | |
| S901 | 1-771-884-21 | SWITCH, TACTILE (WITH LED) (SEEK/AMS - I◀◀ ◀◀) | | | |
| S902 | 1-771-884-21 | SWITCH, TACTILE (WITH LED) (PRST +) (4300RV) | | | |
| S902 | 1-771-884-21 | SWITCH, TACTILE (WITH LED) (PRST DISC +) (C5300RV) | | | |
| S903 | 1-771-884-21 | SWITCH, TACTILE (WITH LED) (SEEK/AMS + ▶▶I ▶▶) | | | |
| S904 | 1-771-884-21 | SWITCH, TACTILE (WITH LED) (PRST -) (4300RV) | | | |
| S904 | 1-771-884-21 | SWITCH, TACTILE (WITH LED) (PRST DISC -) (C5300RV) | | | |
| ********** | | | | | |
| * | A-3326-155-A | MAIN BOARD, COMPLETE (C5300RV) | | | |
| * | A-3326-177-A | MAIN BOARD, COMPLETE (4300RV) | | | |
| | | ********** | | | |
| * | 3-040-998-01 | BRACKET (IC) | | | |
| * | 3-041-014-01 | HEAT SINK (IS02P) (4300RV) | | | |
| * | 3-041-014-11 | HEAT SINK (IS02P) (C5300RV) | | | |
| * | 3-041-262-01 | HEAT SINK (REG/XR) | | | |
| | 7-685-647-79 | SCREW +BVTP 3X10 TYPE2 N-S | | | |
| | 7-685-794-09 | SCREW +PTT 2.6X10 (S) | | | |
| | | < CAPACITOR > | | | |
| C1 | 1-162-918-11 | CERAMIC CHIP | 18PF | 5% | 50V |
| C2 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C3 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C4 | 1-162-968-11 | CERAMIC CHIP | 0.0047uF | 10% | 50V |
| C5 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C6 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C8 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C10 | 1-162-923-11 | CERAMIC CHIP | 47PF | 5% | 50V |
| C52 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C53 | 1-162-916-11 | CERAMIC CHIP | 12PF | 5% | 50V |
| C54 | 1-162-916-11 | CERAMIC CHIP | 12PF | 5% | 50V |
| C55 | 1-124-589-11 | ELECT | 47uF | 20% | 16V |
| C57 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C58 | 1-162-959-11 | CERAMIC CHIP | 330PF | 5% | 50V |
| C59 | 1-164-505-11 | CERAMIC CHIP | 2.2uF | | 16V |
| C60 | 1-164-739-11 | CERAMIC CHIP | 560PF | 5% | 50V |
| C61 | 1-162-966-11 | CERAMIC CHIP | 0.0022uF | 10% | 50V |
| C62 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C63 | 1-164-315-11 | CERAMIC CHIP | 470PF | 5% | 50V |
| C64 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C86 | 1-124-233-11 | ELECT | 10uF | 20% | 16V |
| C90 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C91 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C92 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C93 | 1-164-315-11 | CERAMIC CHIP | 470PF | 5% | 50V |
| C94 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C95 | 1-125-891-11 | CERAMIC CHIP | 0.47uF | 10% | 10V |
| C96 | 1-165-176-11 | CERAMIC CHIP | 0.047uF | 10% | 16V |
| C98 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C100 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C101 | 1-162-959-11 | CERAMIC CHIP | 330PF | 5% | 50V |
| C102 | 1-162-959-11 | CERAMIC CHIP | 330PF | 5% | 50V |
| C103 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C104 | 1-127-715-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C107 | 1-162-963-11 | CERAMIC CHIP | 680PF | 10% | 50V |
| C108 | 1-164-506-11 | CERAMIC CHIP | 4.7uF | | 16V |
| C109 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C110 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C112 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C121 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C122 | 1-164-227-11 | CERAMIC CHIP | 0.022uF | 10% | 25V |
| C124 | 1-164-227-11 | CERAMIC CHIP | 0.022uF | 10% | 25V |
| C141 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% | 50V (C5300RV) |
| C142 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V (C5300RV) |
| C143 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V (C5300RV) |
| C152 | 1-109-982-11 | CERAMIC CHIP | 1uF | 10% | 10V |
| C153 | 1-109-982-11 | CERAMIC CHIP | 1uF | 10% | 10V |
| C171 | 1-164-506-11 | CERAMIC CHIP | 4.7uF | | 16V |
| C173 | 1-127-715-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C174 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C181 | 1-164-506-11 | CERAMIC CHIP | 4.7uF | | 16V |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C182 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C183 | 1-127-715-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C184 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C191 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C200 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C201 | 1-162-959-11 | CERAMIC CHIP | 330PF | 5% | 50V |
| C202 | 1-162-959-11 | CERAMIC CHIP | 330PF | 5% | 50V |
| C203 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C204 | 1-127-715-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C207 | 1-162-963-11 | CERAMIC CHIP | 680PF | 10% | 50V |
| C208 | 1-164-506-11 | CERAMIC CHIP | 4.7uF | | 16V |
| C209 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C210 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C212 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C241 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% | 50V (C5300RV) |
| C242 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V (C5300RV) |
| C243 | 1-163-227-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V (C5300RV) |
| C271 | 1-164-506-11 | CERAMIC CHIP | 4.7uF | | 16V |
| C273 | 1-127-715-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C274 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C281 | 1-164-506-11 | CERAMIC CHIP | 4.7uF | | 16V |
| C282 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C283 | 1-127-715-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C284 | 1-163-251-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C291 | 1-162-915-11 | CERAMIC CHIP | 10PF | 0.5PF | 50V |
| C302 | 1-131-651-21 | TANTALUM CHIP | 10uF | 20% | 16V |
| C303 | 1-162-927-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C304 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C305 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C306 | 1-125-891-11 | CERAMIC CHIP | 0.47uF | 10% | 10V |
| C307 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C308 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C309 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C311 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C313 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C330 | 1-162-959-11 | CERAMIC CHIP | 330PF | 5% | 50V |
| C331 | 1-124-234-00 | ELECT | 22uF | 20% | 16V |
| C333 | 1-162-968-11 | CERAMIC CHIP | 0.0047uF | 10% | 50V |
| C335 | 1-107-823-11 | CERAMIC CHIP | 0.47uF | 10% | 16V |
| C336 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C337 | 1-124-584-00 | ELECT | 100uF | 20% | 10V |
| C341 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C343 | 1-124-233-11 | ELECT | 10uF | 20% | 16V |
| C351 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C352 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C353 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C355 | 1-124-234-00 | ELECT | 22uF | 20% | 16V |
| C356 | 1-126-934-11 | ELECT | 220uF | 20% | 16V |
| C357 | 1-164-156-11 | CERAMIC CHIP | 0.1uF | | 25V |
| C364 | 1-124-233-11 | ELECT | 10uF | 20% | 16V |
| C501 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C502 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C503 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C504 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C506 | 1-162-975-11 | CERAMIC CHIP | 24PF | 5% | 50V |
| C507 | 1-162-919-11 | CERAMIC CHIP | 22PF | 5% | 50V |
| C509 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C510 | 1-124-584-00 | ELECT | 100uF | 20% | 10V |
| C511 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C512 | 1-164-230-11 | CERAMIC CHIP | 220PF | 5% | 50V |
| C513 | 1-164-315-11 | CERAMIC CHIP | 470PF | 5% | 50V |
| C515 | 1-131-651-21 | TANTALUM CHIP | 10uF | 20% | 16V |
| C523 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C551 | 1-125-701-11 | DOUBLE LAYER | 0.047F | | 5.5V |
| C552 | 1-126-933-11 | ELECT | 100uF | 20% | 16V |
| C553 | 1-162-970-11 | CERAMIC CHIP | 0.01uF | 10% | 25V |
| C571 | 1-126-163-11 | ELECT | 4.7uF | 20% | 50V |
| C581 | 1-164-506-11 | CERAMIC CHIP | 4.7uF | | 16V (C5300RV) |
| C582 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C583 | 1-107-909-11 | ELECT | 47uF | 20% | 50V (C5300RV) |
| C584 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% | 25V (C5300RV) |
| C601 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C602 | 1-164-346-11 | CERAMIC CHIP | 1uF | | 16V |
| C611 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C612 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C614 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C615 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C616 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C617 | 1-107-909-11 | ELECT | 47uF | 20% | 16V |
| C618 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C619 | 1-107-826-11 | CERAMIC CHIP | 0.1uF | 10% | 16V |
| C621 | 1-124-589-11 | ELECT | 47uF | 20% | 16V |
| C622 | 1-164-489-11 | CERAMIC CHIP | 0.22uF | 10% | 16V |
| C623 | 1-164-506-11 | CERAMIC CHIP | 4.7uF | | 16V |
| C641 | 1-162-964-11 | CERAMIC CHIP | 0.001uF | 10% | 50V |
| C701 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C702 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C703 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C704 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C705 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% | 50V |
| C751 | 1-126-157-11 | ELECT | 10uF | 20% | 16V |
| C752 | 1-136-165-00 | MYLAR | 0.1uF | 5% | 50V |
| C754 | 1-124-233-11 | ELECT | 10uF | 20% | 16V |
| C755 | 1-107-909-11 | ELECT | 47uF | 20% | 16V |
| C781 | 1-107-885-31 | ELECT | 3300uF | 20% | 16V |
| C901 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C902 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| C903 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% | 25V |
| | | < CONNECTOR > | | | |
| CN301 | 1-766-260-11 | CONNECTOR, FFC/FPC (ZIF) 7P | | | |
| * CN302 | 1-506-995-11 | PIN, CONNECTOR (PC BOARD) 13P | | | |
| CN581 | 1-580-907-31 | PLUG, CONNECTOR (BUS CONTROL IN) | | | (C5300RV) |
| CN601 | 1-794-070-11 | PIN, CONNECTOR (ISO) (POWER) | | | |
| CN701 | 1-784-456-11 | CONNECTOR, FFC/FPC 14P | | | |
| | | < JACK > | | | |
| CNJ151 | 1-774-698-11 | JACK, PIN 2P (AUDIO OUT (LINE OUT)) | | | (4300RV) |

# MAIN

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| CNJ151 | 1-774-699-12 | JACK, PIN 4P (BUS AUDIO IN, AUDIO OUT (LINE OUT)) (C5300RV) | |
| | | < DIODE > | |
| D51 | 8-719-067-56 | DIODE MA112-TX | |
| D80 | 8-719-422-12 | DIODE UDZ-TE-17-3.9B | |
| D90 | 8-719-073-01 | DIODE MA111-TX | |
| D91 | 8-719-073-01 | DIODE MA111-TX | |
| D92 | 8-719-976-99 | DIODE UDZ-TE-17-5.1B | |
| D351 | 8-719-977-22 | DIODE UDZ-TE-17-9.1B | |
| D352 | 8-719-911-19 | DIODE 1SS119-25TD | |
| D501 | 8-719-400-20 | DIODE MA152WA-TX | |
| D551 | 8-719-067-56 | DIODE MA112-TX | |
| D552 | 8-719-073-01 | DIODE MA111-TX | |
| D553 | 8-719-073-01 | DIODE MA111-TX | |
| D554 | 8-719-072-70 | DIODE MA2ZD14001S0 | |
| D558 | 8-719-073-01 | DIODE MA111-TX | |
| D571 | 8-719-057-80 | DIODE MA8180-M-TX | |
| D572 | 8-719-420-14 | DIODE MA8082-M (TX) | |
| D581 | 8-719-056-93 | DIODE UDZ-TE-17-18B | |
| D582 | 8-719-017-62 | DIODE MA8068-L-TX (C5300RV) | |
| D583 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B (C5300RV) | |
| D584 | 8-719-056-93 | DIODE UDZ-TE-17-18B (C5300RV) | |
| D585 | 8-719-072-70 | DIODE MA2ZD14001S0 (C5300RV) | |
| D586 | 8-719-056-93 | DIODE UDZ-TE-17-18B (C5300RV) | |
| D587 | 8-719-073-01 | DIODE MA111-TX (C5300RV) | |
| D591 | 8-719-056-84 | DIODE UDZ-TE-17-7.5B (4300RV) | |
| D601 | 8-719-056-88 | DIODE UDZ-TE-17-11B | |
| D610 | 8-719-970-02 | DIODE 1SR139-400T-32 | |
| D611 | 8-719-970-02 | DIODE 1SR139-400T-32 | |
| D613 | 8-719-970-02 | DIODE 1SR139-400T-32 | |
| D614 | 8-719-970-02 | DIODE 1SR139-400T-32 | |
| D615 | 8-719-420-51 | DIODE MA729-TX | |
| D616 | 8-719-420-51 | DIODE MA729-TX | |
| D621 | 8-719-422-12 | DIODE UDZ-TE-17-3.9B | |
| D622 | 8-719-073-01 | DIODE MA111-TX | |
| D624 | 8-719-158-15 | DIODE UDZ-TE-17-5.6B | |
| D653 | 8-719-073-01 | DIODE MA111-TX | |
| D701 | 8-719-035-74 | DIODE MA4062-M (TA) | |
| D702 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | |
| D703 | 8-719-035-74 | DIODE MA4062-M (TA) | |
| D704 | 8-719-035-74 | DIODE MA4062-M (TA) | |
| D705 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | |
| D706 | 8-719-035-74 | DIODE MA4062-M (TA) | |
| D707 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | |
| D708 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | |
| D709 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | |
| D710 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | |
| D711 | 8-719-056-82 | DIODE UDZ-TE-17-6.2B | |
| D712 | 8-719-034-74 | DIODE MA4120-M (TA) | |
| D721 | 8-719-079-42 | DIODE 1ZB22 (TPA3) | |
| D722 | 8-719-079-42 | DIODE 1ZB22 (TPA3) | |
| D723 | 8-719-079-42 | DIODE 1ZB22 (TPA3) | |
| D724 | 8-719-079-42 | DIODE 1ZB22 (TPA3) | |
| D731 | 8-719-079-42 | DIODE 1ZB22 (TPA3) | |
| D732 | 8-719-079-42 | DIODE 1ZB22 (TPA3) | |
| D733 | 8-719-079-42 | DIODE 1ZB22 (TPA3) | |
| D734 | 8-719-079-42 | DIODE 1ZB22 (TPA3) | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| D781 | 8-719-049-38 | DIODE 1N5404TU | |
| | | < IC > | |
| IC51 | 8-759-650-68 | IC SAA6588T/V2-118 | |
| IC90 | 8-759-909-71 | IC BA4558F | |
| IC301 | 8-752-079-78 | IC CXA2509AQ-T4 | |
| IC331 | 8-759-653-27 | IC TDA7402TR | |
| IC361 | 8-759-527-33 | IC LB1930M-TLM | |
| IC501 | 8-759-665-96 | IC MB90574BPMT-G-267-BND | |
| IC551 | 8-759-574-61 | IC XC61AN4302MR | |
| IC611 | 8-759-663-88 | IC TA8268H | |
| IC671 | 8-759-661-47 | IC BA4908-V3 | |
| IC701 | 8-759-096-16 | IC MM1175XFF (C5300RV) | |
| | | < JACK > | |
| J1 | 1-764-808-21 | JACK (ANT) (FM/AM ANTENNA) | |
| J501 | 1-566-822-41 | JACK (REMOTE IN) | |
| | | < RESISTOR > | |
| JC330 | 1-216-841-11 | METAL CHIP 47K 5% 1/16W | |
| JC610 | 1-216-864-11 | METAL CHIP 0 5% 1/16W | |
| JC991 | 1-216-864-11 | METAL CHIP 0 5% 1/16W | |
| | | < COIL > | |
| L51 | 1-412-026-11 | INDUCTOR CHIP 1uH | |
| L501 | 1-412-026-11 | INDUCTOR CHIP 1uH | |
| L781 | 1-419-476-11 | COIL, CHOKE (2000) | |
| | | < TRANSISTOR > | |
| Q82 | 8-729-921-25 | TRANSISTOR FMC2-T148 | |
| Q90 | 8-729-900-53 | TRANSISTOR DTC114EKA-T146 | |
| Q91 | 8-729-120-28 | TRANSISTOR 2SC2412K-T-146-QR | |
| Q121 | 8-729-920-21 | TRANSISTOR DTC314TK-T-146 | |
| Q151 | 8-729-920-21 | TRANSISTOR DTC314TK-T-146 | |
| Q171 | 8-729-920-21 | TRANSISTOR DTC314TK-T-146 | |
| Q181 | 8-729-920-21 | TRANSISTOR DTC314TK-T-146 | |
| Q271 | 8-729-920-21 | TRANSISTOR DTC314TK-T-146 | |
| Q281 | 8-729-920-21 | TRANSISTOR DTC314TK-T-146 | |
| Q351 | 8-729-015-11 | TRANSISTOR 2SD1802FAST-TL | |
| Q352 | 8-729-921-25 | TRANSISTOR FMC2-T148 | |
| Q353 | 8-729-900-53 | TRANSISTOR DTC114EKA-T146 | |
| Q354 | 8-729-106-60 | TRANSISTOR 2SB1132-T100-R | |
| Q551 | 8-729-027-23 | TRANSISTOR DTA114EKA-T146 | |
| Q571 | 8-729-120-28 | TRANSISTOR 2SC2412K-T-146-QR | |
| Q581 | 8-729-900-53 | TRANSISTOR DTC114EKA-T146 | |
| Q582 | 8-729-027-23 | TRANSISTOR DTA114EKA-T146 | (C5300RV) |
| Q583 | 8-729-120-28 | TRANSISTOR 2SC2412K-T-146-QR | |
| Q591 | 1-801-806-11 | TRANSISTOR DTA144EKA-T146 (4300RV) | |
| Q592 | 8-729-120-28 | TRANSISTOR 2SC2412K-T-146-QR | (4300RV) |
| Q601 | 8-729-423-99 | TRANSISTOR 2SD2137-OP-TA | |
| Q602 | 8-729-921-25 | TRANSISTOR FMC2-T148 | |
| Q621 | 8-729-027-23 | TRANSISTOR DTA114EKA-T146 | |
| Q622 | 8-729-021-94 | FET 2SK1657-T1B | |
| Q701 | 8-729-921-25 | TRANSISTOR FMC2-T148 | |

< RESISTOR >

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R1 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R2 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R3 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/16W |
| R4 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R5 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R7 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W |
| R53 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/16W |
| R54 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R55 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/16W |
| R56 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/16W |
| R57 | 1-216-025-00 | RES-CHIP | 100 | 5% | 1/10W |
| R58 | 1-216-025-00 | RES-CHIP | 100 | 5% | 1/10W |
| R59 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/16W |
| R60 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/16W |
| R83 | 1-216-819-11 | METAL CHIP | 680 | 5% | 1/16W |
| R84 | 1-216-815-11 | METAL CHIP | 330 | 5% | 1/16W |
| R85 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/16W |
| R90 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/16W |
| R91 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/16W |
| R92 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R93 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R94 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/16W |
| R95 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/16W |
| R96 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/16W |
| R97 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R98 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R99 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/16W |
| R101 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R102 | 1-216-851-11 | METAL CHIP | 330K | 5% | 1/16W |
| R103 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/16W |
| R104 | 1-216-836-11 | METAL CHIP | 18K | 5% | 1/16W |
| R106 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/16W |
| R110 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R111 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R121 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/16W |
| R122 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/16W |
| R141 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/16W (C5300RV) |
| R142 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W (C5300RV) |
| R152 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W |
| R153 | 1-216-864-11 | METAL CHIP | 0 | 5% | 1/16W |
| R170 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R171 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R172 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R173 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R180 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R181 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R182 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/16W |
| R183 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/16W |
| R201 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W |
| R202 | 1-216-851-11 | METAL CHIP | 330K | 5% | 1/16W |
| R203 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/16W |
| R204 | 1-216-836-11 | METAL CHIP | 18K | 5% | 1/16W |
| R206 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/16W |
| R210 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R211 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R241 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/16W (C5300RV) |
| R242 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W (C5300RV) |
| R270 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R271 | 1-216-025-00 | RES-CHIP | 100 | 5% | 1/10W |
| R272 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/16W |
| R273 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/16W |
| R280 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R281 | 1-216-025-00 | RES-CHIP | 100 | 5% | 1/10W |
| R282 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W |
| R283 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W |
| R301 | 1-216-836-11 | METAL CHIP | 18K | 5% | 1/16W |
| R303 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/16W |
| R304 | 1-216-835-11 | METAL CHIP | 15K | 5% | 1/16W |
| R305 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/16W |
| R306 | 1-216-849-11 | METAL CHIP | 220K | 5% | 1/16W |
| R310 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R311 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R312 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R313 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R330 | 1-216-025-00 | RES-CHIP | 100 | 5% | 1/10W |
| R331 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R351 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R352 | 1-249-383-11 | CARBON | 1.5 | 5% | 1/6W |
| R353 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/16W |
| R354 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R500 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/16W |
| R501 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R502 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R504 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R505 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R506 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R507 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R509 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R511 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R512 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R513 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R514 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R515 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R516 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R517 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R520 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R522 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R523 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R524 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R525 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R526 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R527 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R528 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R529 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R537 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R538 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R539 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R540 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R541 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R542 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W |

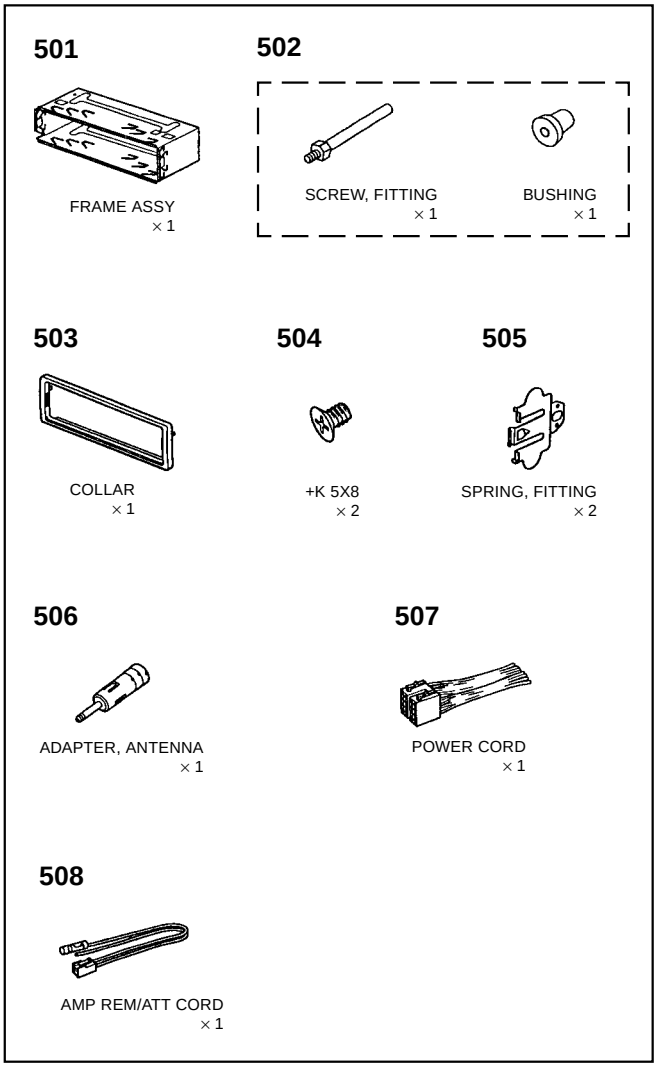
**MAIN** **SUB**

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R543 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R544 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R545 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R546 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R547 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R548 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R551 | 1-208-806-11 | RES-CHIP | 10K | 0.5% | 1/10W |
| R552 | 1-208-806-11 | RES-CHIP | 10K | 0.5% | 1/10W |
| R553 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R554 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R555 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R556 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R561 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R562 | 1-208-806-11 | RES-CHIP | 10K | 0.5% | 1/10W |
| R563 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R564 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R571 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W |
| R572 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/16W |
| R573 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W |
| R574 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/16W |
| R580 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W (C5300RV) |
| R582 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W (C5300RV) |
| R583 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W (C5300RV) |
| R584 | 1-216-017-00 | RES-CHIP | 47 | 5% | 1/10W (C5300RV) |
| R585 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W (C5300RV) |
| R586 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R587 | 1-216-833-11 | RES-CHIP | 10K | 5% | 1/16W |
| R588 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W |
| R589 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/16W |
| R591 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W (4300RV) |
| R592 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W (4300RV) |
| R593 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W (4300RV) |
| R595 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W (4300RV) |
| R596 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W (4300RV) |
| R597 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/16W (4300RV) |
| R601 | 1-249-387-11 | CARBON | 3.3 | 5% | 1/4W |
| R603 | 1-216-037-00 | METAL CHIP | 330 | 5% | 1/10W |
| R621 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/16W |
| R623 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/16W |
| R641 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W |
| R642 | 1-216-831-11 | METAL CHIP | 6.8K | 5% | 1/16W |
| R651 | 1-216-853-11 | METAL CHIP | 470K | 5% | 1/16W |
| R683 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/16W |
| R701 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/16W |
| R702 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W |
| R703 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R704 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R705 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R706 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R708 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R709 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R710 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R711 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R712 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R713 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W |
| R714 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R715 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R716 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R717 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R718 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R719 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R720 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R721 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R722 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R723 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R724 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/16W |
| R725 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R751 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| R753 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/16W |
| | | < SWITCH > | | | |
| S503 | 1-692-431-21 | SWITCH, TACTILE (RESET) | | | |
| S504 | 1-771-540-11 | SWITCH, PUSH (1 KEY) (NOSE DETECT) | | | |
| | | < THERMISTOR > | | | |
| TH501 | 1-803-350-21 | THERMISTOR, POSITIVE (C5300RV) | | | |
| | | < TUNER > | | | |
| TU1 | A-3220-738-A | FM/AM TUNER UNIT (TUX-020) | | | |
| | | < VIBRATOR > | | | |
| X51 | 1-579-242-41 | VIBRATOR, CRYSTAL (4.332MHz) | | | |
| X501 | 1-767-833-21 | VIBRATOR, CERAMIC (3.68MHz) | | | |
| X502 | 1-567-098-41 | VIBRATOR, CRYSTAL (32.768kHz) | | | |
| ********** | | | | | |
| * | 1-676-603-12 | SUB BOARD | | | |
| | | ********** | | | |
| | 1-792-195-11 | CABLE, FLEXIBLE FLAT | | | |
| | | < CONNECTOR > | | | |
| CNP801 | 1-794-064-11 | SOCKET, CONNECTOR 14P | | | |
| | | < LED > | | | |
| LED801 | 8-719-061-16 | LED CL-190SR-CD-T (TAPE WINDOW) | | | |
| | | < SWITCH > | | | |
| LSW801 | 1-771-883-21 | SWITCH, TACTILE (WITH LED) (⏏) | | | |
| ********** | | | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | MISCELLANEOUS | |
| | | ********** | |
| 3 | 1-792-195-11 | CABLE, FLEXIBLE FLAT | |
| 14 | 1-782-381-11 | CORD (WITH CONNECTOR) (ISO P&S) (POWER) (EXCEPT GERMAN) | |
| 15 | 1-777-989-41 | CORD (WITH CONNECTOR) (AMP REM/ATT) | |
| 64 | 1-694-660-11 | CONDUCTIVE BOARD, CONNECTION | |
| F901 | 1-532-877-11 | FUSE (BLADE TYPE) (AUTO FUSE) (10A) | |
| HP901 | 1-500-196-21 | HEAD, MAGNETIC (PLAYBACK) | |
| LCD901 | 1-803-889-11 | DISPLAY PANEL, LIQUID CRYSTAL | |
| M901 | A-3291-665-A | MOTOR ASSY, MAIN (CAPSTAN/REEL) | |
| ********** | | | |
| | | ********** | |
| | | HARDWARE LIST | |
| | | ********** | |
| #1 | 7-685-794-09 | SCREW +PTT 2.6X10 (S) | |
| #2 | 7-621-772-20 | SCREW +B 2X5 | |
| #3 | 7-685-792-09 | SCREW +PTT 2.6X6 (S) | |
| #4 | 7-627-553-28 | SCREW, PRECISION +P 2X2.5 | |
| #5 | 7-685-647-79 | SCREW +BVTP 3X10 TYPE2 N-S | |
| #6 | 7-624-104-04 | STOP RING 2.0, TYPE -E | |
| #7 | 7-627-553-17 | PRECISION SCREW +P 2X2 TYPE 3 | |
| #8 | 7-685-106-19 | SCREW +P 2X10 TYPE2 NON-SLIT | |
| ********** | | | |
| | | ACCESSORIES & PACKING MATERIALS | |
| | | ********** | |
| | 3-044-359-11 | MANUAL, INSTRUCTION (ENGLISH, SPANISH, SWEDISH, PORTUGUESE) (AEP, UK) | |
| | 3-044-359-21 | MANUAL, INSTRUCTION (FRENCH, GERMAN, DUTCH, ITALIAN, GREEK) (AEP) | |
| | 3-044-359-31 | MANUAL, INSTRUCTION (GERMAN) (German) | |
| | 3-044-359-41 | MANUAL, INSTRUCTION (ENGLISH, CZECH, POLISH, TURKISH, RUSSIAN) (South European) | |
| | 3-044-360-11 | MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH, SWEDISH, PORTUGUESE) (AEP, UK) | |
| | 3-044-360-21 | MANUAL, INSTRUCTION, INSTALL (FRENCH, GERMAN, DUTCH, ITALIAN, GREEK) (AEP) | |
| | 3-044-360-31 | MANUAL, INSTRUCTION, INSTALL (ENGLISH, CZECH, POLISH, TURKISH, RUSSIAN) (South European) | |
| | 3-044-360-41 | MANUAL, INSTRUCTION, INSTALL (GERMAN) (German) | |
| | X-3378-490-1 | CASE (PANEL) ASSY | |
| ********** | | | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | PARTS FOR INSTALLATION AND CONNECTIONS | |
| | | ********** | |
| 501 | X-3373-602-1 | FRAME ASSY | |
| 502 | X-3366-405-1 | SCREW ASSY (EXP), FITTING | |
| 503 | 3-040-979-01 | COLLAR | |
| 504 | 3-934-325-01 | SCREW, +K (5X8) TAPPING | |
| 505 | 3-233-644-01 | SPRING, FITTING | |
| 506 | 1-465-459-21 | ADAPTER, ANTENNA | |
| 507 | 1-782-381-11 | CORD (WITH CONNECTOR) (ISO P&S) (POWER) (EXCEPT GERMAN) | |
| 508 | 1-777-989-41 | CORD (WITH CONNECTOR) (AMP REM/ATT) | |



# REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

| Ver. | Date | Description of Revision |
|---|---|---|
| 1.1 | 2001.05 | Change of Part No. for SPRING, FITTING (ECN-CSA04727) |
| 1.0 | 2000.03 | New |
| | | |
| | | |
| | |